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BellSouth Telecommunications, Inc

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December 6, 2005

VIA HAND DELIVERY

Hon Ron Jones Chairman Tennessee Regulatory Authority 460 James Robertson Parkway Nashville, Tennessee 37243-0505

Re. Approval of the Amendments to the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc and ITC^DeltaCom Communications, Inc d/b/a ITC^DeltaCom Communications, Inc d/b/a ITC^DeltaCom d/b/a Grapevine Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996

Docket No. 15-00328

Dear Chairman Jones.

Pursuant to Section 252(e) of the Telecommunications Act of 1996, ITC^DeltaCom Communications, Inc. d/b/a ITC^DeltaCom d/b/a Grapevine and BellSouth Telecommunications, Inc are hereby submitting to the Tennessee Regulatory Authority ("TRA") the original and fourteen copies of the attached Petition for Approval of the Amendments to the Interconnection Agreement dated April 24, 2001 The first Amendment modifies the Notice provision in the Agreement and the second Amendment modifies the term of the Agreement The parties request that the TRA review and approve the Amendments with respect only to the language that relates to Tennessee

Thank you for your attention to this matter

Sincerely yours,

Guy M. Hicks

TC^DeltaCom Communications, Inc , d/b/a ITC^DeltaCom d/b/a Grapevine, Regulatory Department

BEFORE THE TENNESSEE REGULATORY AUTHORITY Nashville, Tennessee

In re:

Approval of the Amendments to the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. and ITC^DeltaCom Communications, Inc. Pursuant to Sections 251 and 252 of the Telecommunications Act of 1996

Docket No.

PETITION FOR APPROVAL OF THE AMENDMENTS TO THE INTERCONNECTION AGREEMENT NEGOTIATED BETWEEN BELLSOUTH TELECOMMUNICATIONS, INC. AND ITC^DELTACOM D/B/A GRAPEVINE PURSUANT TO THE TELECOMMUNICATIONS ACT OF 1996

COME NOW, ITC^DeltaCom ("ITC^DeltaCom) and BellSouth Telecommunications, Inc., ("BellSouth"), and file this request for approval of the Amendments to the Interconnection Agreement dated April 24, 2001 (the "Amendments") negotiated between the two companies pursuant to Sections 251 and 252 of the Telecommunications Act of 1996, (the "Act"). In support of their request, ITC^DeltaCom and BellSouth state the following:

- 1. ITC^DeltaCom and BellSouth entered into good faith negotiations pursuant to the Act to negotiate an interconnection agreement to replace the existing interconnection agreement dated April 24, 2001 which expired June 30, 2003 ("Expired Interconnection Agreement").
- 2. ITC^DeltaCom and BellSouth are currently involved in an arbitration proceeding before the Tennessee Regulatory Authority.
- 3. The parties have recently negotiated two Amendments to the Expired Agreement. The first Amendment modifies the Notice provision of the Agreement and

the second Amendment modifies the term of the Agreement Copies of the Amendments are attached hereto and incorporated herein by reference.

- 4 Pursuant to Section 252(e) of the Telecommunications Act of 1996, ITC^DeltaCom and BellSouth are submitting their Amendments to the TRA for its consideration and approval. The Amendments provide that either or both of the parties are authorized to submit the Amendments to the TRA for approval.
- 5. In accordance with Section 252(e) of the Act, the TRA is charged with approving or rejecting the negotiated Amendments between BellSouth and ITC^DeltaCom within 90 days of its submission. The Act provides that the TRA may only reject such an agreement if it finds that the agreement or any portion of the agreement discriminates against a telecommunications carrier not a party to the agreement or the implementation of the agreement or any portion of the agreement is not consistent with the public interest, convenience and necessity.

This day of Jec, 2005

Respectfully submitted,

BELLSOUTH TELECOMMUNICATIONS, INC.

Guy M Hicks
333 Commerce Street, Suite 2101
Nashville, Tennessee 37201-3300
(615) 214-6301
Attorney for BellSouth

Guy M Hicks

CERTIFICATE OF SERVICE

I, Guy M Hicks, hereby certify that I have served a copy of the foregoing Petition for Approval of the Amendments to the Interconnection Agreement on the following via United States Mail on the day of 2005

ITC^DeltaCom Communications, Inc d/b/a ITC^DeltaCom d/b/a Grapevine Regulatory Department 7037 Old Madison Pike, Suite 400 Huntsville, AL 35802

Amendment to the Agreement

Between

ITC^DeltaCom Communications, Inc. d/b/a ITC^DeltaCom d/b/a Grapevine and

BellSouth Telecommunications, Inc. Dated August 9, 2004

Pursuant to this Amendment, (the "Amendment"), ITC^DeltaCom Communications, Inc d/b/a ITC^DeltaCom d/b/a Grapevine ("ITC^DeltaCom"), and BellSouth Telecommunications, Inc ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated August 9, 2004, ("Agreement") to be effective on date of last signature

WHEREAS, BellSouth and ITC DeltaCom entered into the Agreement on August 9, 2004, and,

WHEREAS, The Parties desire to change the Notices address in the General Terms and Conditions,

NOW THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby covenant and agree as follows

The Parties agree to delete Section 21 3 of the GTC's notices address from the notices amendment dated April 14, 2005 and replace with the following addresses as set forth below

BellSouth Telecommunications, Inc.

BellSouth Local Contract Manager 600 North 19th Street, 8th floor Birmingham, AL 35203

and

ICS Attorney Suite 4300 675 West Peachtree Street Atlanta, GA 30375

ITC^DeltaCom Communications, Inc. d/b/a ITC^DeltaCom d/b/a Grapevine

Regulatory Department 7037 Old Madison Pike, Suite 400 Huntsville, AL 35806 PH (256)-382-3843 FAX (256)-382-3936

All of the other provisions of the Agreement, dated August 9, 2004, shall remain in full force and effect

Version GA Notices Amendment – Standard ICA 10/06/04

Either or both of the Parties are authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the

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IN WITNESS WHEREOF, the Parties have executed this Agreement the day and year written below

BellSouth Telecommunications, Inc.	ITC^DeltaCom Communications, Inc. d/b/a ITC^DeltaCom d/b/a Grapevine		
By Karla E. Show	By Walt		
Name Kristen E Shore	Name Warry Watts		
Title Director	Title Vice President		
Date $i \frac{1}{2} \frac{1}{$	Date October 25, 2005		

Amendment to the Agreement Between ITC^DeltaCom Communications, Inc. d/b/a ITC^DeltaCom d/b/a Grapevine and BellSouth Telecommunications, Inc. Dated August 9, 2004

Pursuant to this Amendment, (the "Amendment"), ITC^DeltaCom Communications, Inc d/b/a ITC^DeltaCom d/b/a Grapevine, ("ITC^DeltaCom"), and BellSouth Telecommunications, Inc ("BellSouth"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties dated August 9, 2004 ("Agreement") to be effective fifteen (15) days after the date of last signature ("Effective Date")

WHEREAS, BellSouth and ITC^DeltaCom entered into the Agreement on August 9, 2004, and,

WHEREAS, BellSouth and ITC^DeltaCom desire to amend the Agreement to modify provisions pursuant to the Federal Communications Commission's (FCC) Order on Remand (Triennial Review Remand Order), WC Docket No 04-313, released February 4, 2005 and effective March 11, 2005,

WHEREAS, the Parties desire to amend the Agreement to reflect other changes as agreed upon by the parties,

WHEREAS, BellSouth and ITC^DeltaCom desire to amend their existing Agreement to change the term to a month-to-month agreement pending the Georgia PSC's order in the generic change of law case in Georgia (Docket No 19341-U) ("Georgia Generic Case)

NOW THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby covenant and agree as follows

- 1 The Parties agree to delete Attachment 2, Network Elements and Other Services, in its entirety and replace with Attachment 2 reflected as Exhibit 1, attached hereto and by reference incorporated into this Amendment
- 2 The Parties agree to add Section 13 to Attachment 3 as follows

13	BASIC 911 AND E911 INTERCONNECTION
13 1	Basic 911 and E911 provides a caller access to the applicable emergency service bureau by dialing 911
13 2	Basic 911 Interconnection BellSouth will provide to ITC^DeltaCom a list consisting of each municipality that subscribes to Basic 911 service. The list will also provide, if

DACIC 011 AND E011 INTERDOONNECTION

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known, the E911 conversion date for each municipality and, for network routing purposes, a ten (10) digit directory number representing the appropriate emergency answering position for each municipality subscribing to 911 ITC^DeltaCom will be required to arrange to accept 911 calls from its End Users in municipalities that subscribe to Basic 911 service and translate the 911 call to the appropriate ten (10) digit directory number as stated on the list provided by BellSouth ITC^DeltaCom will be required to route that call to the appropriate PSAP When a municipality converts to E911 service, ITC^DeltaCom will be required to begin using E911 procedures

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E911 Interconnection ITC^DeltaCom shall install a minimum of two (2) dedicated trunks originating from its Serving Wire Center and terminating to the appropriate E911 tandem The Serving Wire Center must be in the same LATA as the E911 tandem. The dedicated trunks shall be, at a minimum, DS0 level trunks configured as part of a digital (1 544 Mb/s) interface (DS1 facility) The configuration shall use CAMA-type signaling with MF pulsing or SS7/ISUP signaling either of which shall deliver ANI with the voice portion of the call If SS7/ISUP connectivity is used, ITC^DeltaCom shall follow the procedures as set forth in Appendix A of the CLEC Users Guide to E911 for Facility Based Providers that is located on the BellSouth Interconnection Web site If the user interface is digital, MF pulses as well as other AC signals shall be encoded per the u-255 Law convention ITC^DeltaCom will be required to provide BellSouth daily updates to the E911 database ITC^DeltaCom will be required to forward 911 calls to the appropriate E911 tandem along with ANI based upon the current E911 end office to tandem homing arrangement as provided by BellSouth If the E911 tandem trunks are not available, ITC^DeltaCom will be required to route the call to a designated seven (7) digit or ten (10) digit local number residing in the appropriate PSAP This call will be transported over BellSouth's interoffice network and will not carry the ANI of the calling party ITC^DeltaCom shall be responsible for providing BellSouth with complete and accurate data for submission to the 911/E911 database for the purpose of providing 911/E911 to its End Users

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Trunks and facilities for 911 Interconnection may be ordered by ITC^DeltaCom from BellSouth pursuant to the terms and conditions set forth in this Attachment

13 5

The detailed practices and procedures for 911/E911 interconnection are contained in the E911 Local Exchange Carrier Guide For Facility-Based Providers that is located on the BellSouth Interconnection Services Web site

- 3 The Parties agree to add SS7 Network Interconnection to Section 14 of Attachment 3 as follows
 - 14 SS7 Network Interconnection
 - 14 1 1 Definition

SS7 Network Interconnection is the interconnection of ITC^DeltaCom local Signaling Transfer Point Switches (STP) and ITC^DeltaCom switching systems with BellSouth STPs This interconnection provides connectivity that enables the exchange of SS7 messages among BellSouth switching systems and databases (DBs), ITC^DeltaCom switching systems, and other third-party switching systems directly connected to the BellSouth SS7 network

- 14 1 2 Technical Requirements
- 14 1 2 1 SS7 Network Interconnection shall provide connectivity to all components of the BellSouth SS7 network These include
- 14 1 2 1 1 BellSouth switching systems,
- 14 1 2 1 2 BellSouth DBs, and
- 14 1 2 1 3 Other third-party switching systems
- SS7 Network Interconnection shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service, as specified in ANSI T1 112 In particular, this includes Global Title Translation (GTT) and SCCP Management procedures, as specified in T1 112 4 Where the destination signaling point is a BellSouth switching system or DB, or is another third-party switching system directly connected to the BellSouth SS7 network, SS7 Network Interconnection shall include final GTT of messages to the destination and SCCP Subsystem Management of the destination Where the destination signaling point is an ITC^DeltaCom switching system, SS7 Network Interconnection shall include intermediate GTT of messages to a gateway pair of ITC^DeltaCom local STPs, and shall not include SCCP Subsystem Management of the destination
- SS7 Network Interconnection shall provide all functions of the Integrated Services Digital Network User Part (ISDNUP), as specified in ANSI T1 113
- SS7 Network Interconnection shall provide all functions of the TCAP, as specified in ANSI T1 114
- 14 1 2 5 If and when Internetwork MTP Routing Verification Test (MRVT) and SCCP Routing Verification Test (SRVT) become approved ANSI standards and available capabilities of BellSouth STPs, SS7 Network Interconnection shall provide these functions of the OMAP

14 1 2 6	SS7 Network Interconnection shall be equal to or better than the following performance requirements
14 1 2 6 1	MTP Performance, as specified in ANSI T1 111 6,
14 1 2 6 2	SCCP Performance, as specified in ANSI T1 112 5, and
14 1 2 6 3	ISDNUP Performance, as specified in ANSI T1 113 5
14 1 3	Interface Requirements
14 1 3 1	BellSouth shall offer the following SS7 Network Interconnection options to connect ITC^DeltaCom or ITC^DeltaCom-designated local or tandem switching systems or STPs to the BellSouth SS7 network
14 1 3 1 1	A-link interface from ITC^DeltaCom switching systems, and
14 1 3 1 2	B-link interface from ITC^DeltaCom STPs
14 1 3 2	BellSouth shall provide SS7 Signaling Interconnection to ITC^DeltaCom pursuant to Section 4 9 of Attachment 3
14 1 3 3	BellSouth CO shall provide intraoffice diversity between the SPOIs and the BellSouth STP, so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP BellSouth and ITC^DeltaCom will work jointly to establish mutually acceptable SPOI
14 1 3 4	The protocol interface requirements for SS7 Network Interconnection include the MTP, ISDNUP, SCCP, and TCAP These protocol interfaces shall conform to the following specifications
14 1 3 4 1	Bellcore GR-905-CORE, Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and Integrated Services Digital Network User Part (ISDNUP),
14 1 3 4 2	Bellcore GR-1428-CORE, CCS Network Interface Specification (CCSNIS) Supporting Toll Free Service,
14 1 3 4 3	Bellcore GR-1429-CORE, CCS Network Interface Specification (CCSNIS) Supporting Call Management Services, and
14 1 3 4 4	Bellcore GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP)
14 1 3 5	BellSouth shall set message screening parameters to block accept messages from ITC^DeltaCom switching systems destined to any signaling point in the BellSouth SS7 network with which the ITC^DeltaCom switching system has a legitimate signaling relation

14 1 4	requirements for SS7 Network Interconnection shall be equal to or better than all of the requirements for SS7 Network Interconnection set forth in the following technical references
14 1 4 1	ANSI T1 110-1992 American National Standard Telecommunications - Signaling System Number 7 (SS7) - General Information,
14 1 4 2	ANSI T1 111-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Message Transfer Part (MTP),
14 1 4 3	ANSI T1 111A-1994 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Message Transfer Part (MTP) Supplement,
14 1 4 4	ANSI T1 112-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Signaling Connection Control Part (SCCP),
14 1 4 5	ANSI T1 113-1995 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Integrated Services Digital Network (ISDN) User Part,
14 1 4 6	ANSI T1 114-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Transaction Capabilities Application Part (TCAP),
14 1 4 7	ANSI T1 115-1990 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Monitoring and Measurements for Networks,
14 1 4 8	ANSI T1 116-1990 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Operations, Maintenance and Administration Part (OMAP),
14 1 4 9	ANSI T1 118-1992 American National Standard for Telecommunications - Signaling System Number 7 (SS7) - Intermediate Signaling Network Identification (ISNI),
14 1 4 10	BellCore GR-905-CORE, Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and Integrated Services Digital Network User Part (ISDNUP),
14 1 4 11	BellCore GR-954-CORE, CCS Network Interface Specification (CCSNIS) Supporting Line Information Database (LIDB) Service,
14 1 4 12	BellCore GR-1428-CORE, CCS Network Interface Specification (CCSNIS) Supporting Toll Free Service,

- 14 1 4 13 BellCore GR-1429-CORE, CCS Network Interface Specification (CCSNIS) Supporting Call Management Services, and,
- 14 1 4 14 BellCore GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP)
- Rates The Parties shall institute a "bill and keep" compensation plan under which neither Party will charge the other Party recurring and nonrecurring charges as set forth in Exhibit A for CCS7 signaling messages associated with Local Traffic The portion of CCS7 signaling messages utilized for Local Traffic, which are subject to bill and keep in accordance with this section, shall be determined based upon the application of the applicable signaling factors set forth in BellSouth's Jurisdictional Factors Reporting Guide The remaining portion of the CCS7 signaling messages, signaling ports, and signaling links, i e the portion associated with interstate calls and with intrastate non-local calls, shall be billed in accordance with the applicable BellSouth intrastate Access Services Tariff and BellSouth's FCC No 1 Tariff for switched access services
- 4 The Parties agree to add the rates for SS7 Interconnection to Exhibit A of Attachment 3, attached hereto as Exhibit 1 and by reference incorporated into this Amendment
- 5 The Parties agree to add the following Section to Attachment 6 for Order Modification Charge, as follows
 - If ITC^DeltaCom modifies an order (Order Modification Charge (OMC)) after being sent a Firm Order Confirmation (FOC) from BellSouth, any costs incurred by BellSouth to accommodate the modification will be paid by ITC^DeltaCom in accordance with FCC No 1 Tariff, Section 5
- The Parties agree to delete and replace General Terms and Conditions, Section 2-Term of the Agreement with the following

2 Term of the Agreement

- This Agreement shall remain in effect on a month by month basis until such time as the Parties execute an amendment to incorporate the Georgia PSC's order in the Georgia Generic Case
- 7 All of the other provisions of the Agreement, dated August 9, 2004, shall remain in full force and effect
- 8 Either or both of the Parties are authorized to submit this Amendment to the respective state regulatory authorities for approval subject to Section 252(e) of the Federal Telecommunications Act of 1996

IN WITNESS WHEREOF, the Parties have executed this Agreement the day and year written below

BellSouth Telecommunications, Inc.	ITC^DeltaCom Communications, Inc. d/b/a ITC^DeltaCom d/b/a Grapevine		
By Kith & Strang	By water		
Name Kristen E Shore	Name Jerry Watts		
Title Director	Title Vice President		
Date 10/19/05	Date October 28, 2005		

Attachment 2 Exhibit 1-GA Form Page 1

Attachment 2

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ACCESS TO NETWORK ELEMENTS AND OTHER SERVICES

1 Introduction

- This Attachment sets forth rates, terms and conditions for unbundled network elements (Network Elements) and combinations of Network Elements (Combinations) that BellSouth offers to ITC^DeltaCom for ITC^DeltaCom's provision of Telecommunications Services in accordance with its obligations under Section 251(c)(3) of the Act Additionally, this Attachment sets forth the rates, terms and conditions for other facilities and services BellSouth makes available to ITC^DeltaCom (Other Services) Additionally, the provision of a particular Network Element or Other Service may require ITC^DeltaCom to purchase other Network Elements or services In the event of a conflict between this Attachment and any other section or provision of this Agreement, the provisions of this Attachment shall control
- The rates for each Network Element, Combinations and Other Services are set forth in Exhibits A and B. If no rate is identified in this Agreement, the rate will be as set forth in the applicable BellSouth tariff or as negotiated by the Parties upon request by either Party. If ITC^DeltaCom purchases service(s) from a tariff, all terms and conditions and rates as set forth in such tariff shall apply. A one-month minimum billing period shall apply to all Network Elements, Combinations and Other Services.
- 1 3 ITC^DeltaCom may purchase and use Network Elements and Other Services from BellSouth in accordance with 47 C F R § 51 309
- The Parties shall comply with the requirements as set forth in the technical references within this Attachment 2
- 1 5 ITC^DeltaCom shall not obtain a Network Element for the exclusive provision of mobile wireless services or interexchange services
- Conversion of Wholesale Services to Network Elements or Network Elements to Wholesale Services Upon request, BellSouth shall convert a wholesale service, or group of wholesale services, to the equivalent Network Element or Combination that is available to ITC^DeltaCom pursuant to Section 251 of the Act and under this Agreement or convert a Network Element or Combination that is available to ITC^DeltaCom pursuant to Section 251 of the Act and under this Agreement to an equivalent wholesale service or group of wholesale services offered by BellSouth (collectively "Conversion") BellSouth shall charge the applicable nonrecurring switch-as-is rates for Conversions to specific Network Elements or Combinations found in Exhibit A BellSouth shall also charge the same nonrecurring switch-as-is rates when converting from Network Elements or Combinations Any rate change resulting from the Conversion will be effective as of the next billing cycle following

BellSouth's receipt of a complete and accurate Conversion request from ITC^DeltaCom A Conversion shall be considered termination for purposes of any volume and/or term commitments and/or grandfathered status between ITC^DeltaCom and BellSouth Any change from a wholesale service/group of wholesale services to a Network Element/Combination, or from a Network Element/Combination to a wholesale service/group of wholesale services, that requires a physical rearrangement will not be considered to be a Conversion for purposes of this Agreement BellSouth will not require physical rearrangements if the Conversion can be completed through record changes only Orders for Conversions will be handled in accordance with the guidelines set forth in the Ordering Guidelines and Processes and CLEC Information Packages as referenced in Sections 1 13 1 and 1 13 2 below

- Except to the extent expressly provided otherwise in this Attachment, ITC^DeltaCom may not maintain unbundled network elements or combinations of unbundled network elements, that are no longer offered pursuant to this Agreement (collectively "Arrangements") In the event BellSouth determines that ITC^DeltaCom has in place any Arrangements after the Effective Date of this Agreement, BellSouth will provide ITC^DeltaCom with thirty (30) days written notice to disconnect or convert such Arrangements If ITC^DeltaCom fails to submit orders to disconnect or convert such Arrangements within such thirty (30) day period, BellSouth will transition such circuits to the equivalent tariffed BellSouth service(s) Those circuits identified and transitioned by BellSouth pursuant to this Section 1 7 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs. The applicable recurring tariff charge shall apply to each circuit as of the Effective Date
- The Parties agree that for purposes of this Agreement, the list attached hereto as 18 Exhibit D designates those wire centers that meet the FCC's established criteria for non-impairment as of March 10, 2005 and constitutes BellSouth's list of nonimpaired wire centers where certain high capacity (DS1 and above) Loops and high capacity Dedicated Transport are no longer available as Network Elements This list of non-impaired wire centers shall be subject to modification and/or the addition of wire centers without amendment provided the changes are compliant with the FCC's non-impairment criteria Notification of such modification and/or addition of wire centers shall be via BellSouth's web site Upon the Effective Date of this Agreement, ITC^DeltaCom will not place any new orders for high capacity Dedicated Transport or high capacity Loops in those wire centers listed in Exhibit D as modified from time to time as provided for above In all other wire centers, prior to submitting an order pursuant to this Agreement for high capacity Dedicated Transport or high capacity Loops, ITC^DeltaCom shall undertake a reasonably diligent inquiry to determine whether ITC^DeltaCom is entitled to

of this Agreement

unbundled access to such Network Elements in accordance with the terms of this Agreement By submitting any such order, ITC^DeltaCom self-certifies that to the best of ITC^DeltaCom's knowledge, the high capacity Dedicated Transport or high capacity Loop requested is available as a Network Element pursuant to this Agreement Upon receiving such order, BellSouth shall process the request in reliance upon ITC^DeltaCom's self-certification To the extent BellSouth believes that such request does not comply with the terms of this Agreement, BellSouth shall seek dispute resolution in accordance with the General Terms and Conditions of this Agreement In the event such dispute is resolved in BellSouth's favor, BellSouth shall bill ITC^DeltaCom the difference between the rates for such circuits pursuant to this Agreement and the applicable nonrecurring and recurring charges for the equivalent tariffed service from the date of installation to the date the circuit is transitioned to the equivalent tariffed service Within thirty (30) days following a decision finding in BellSouth's favor, ITC^DeltaCom shall submit a spreadsheet identifying those non-compliant circuits to be transitioned to tariffed services or disconnected

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In the event that (1) BellSouth designated a wire center as non-impaired as set forth in Exhibit D or as set forth in a subsequent notification via BellSouth's web site, (2) as a result of such designation, ITC^DeltaCom converted high capacity Dedicated Transport or high capacity Loops to other services or ordered new services as services other than high capacity Dedicated Transport or high capacity Loop UNEs subsequent to March 10, 2005, (3) ITC^DeltaCom otherwise would have been entitled to high capacity Dedicated Transport or high capacity Loops in such wire center at the time such alternative services were provisioned, and (4) BellSouth acknowledges, or a state or federal regulatory body with authority determines, that, at the time BellSouth designated such wire center as nonimpaired, such wire center did not meet the FCC's non-impairment criteria, then upon request of ITC^DeltaCom made no later than 60 days after BellSouth acknowledges or the state or federal regulatory body issues an order making such a finding, BellSouth shall transition to high capacity Dedicated Transport or high capacity Loops, as appropriate, any alternative services in such wire center that were established after such wire center was designated as non-impaired. In such instances, BellSouth shall refund to ITC^DeltaCom the difference between the rate paid by ITC^DeltaCom for such services and the applicable rates set forth herein for high capacity Dedicated Transport or high capacity Loops, including but not limited to any charges associated with the Conversion (as defined in Section 1 6 above) from high capacity Dedicated Transport or high capacity Loops to other wholesale services, if applicable, for the period from the later of June 1, 2005, or the date the circuit became a wholesale service to the date the circuit is transitioned to high capacity Dedicated Transport or high capacity Loop as described in this Section Similarly, in the event that ITC^DeltaCom has placed orders for high capacity Dedicated Transport or high capacity Loops on or after March 11, 2005, and ITC^DeltaCom acknowledges, or a state or federal regulatory body with authority determines, that the wire center(s) in or between

which such high capacity Dedicated Transport or high capacity Loops were ordered are non-impaired with respect to such high capacity Dedicated Transport or high capacity Loops, then no later than 60 days after such acknowledgement or finding, ITC^DeltaCom shall transition such high capacity Dedicated Transport or high capacity Loops to alternative wholesale services In such instances, ITC^DeltaCom shall compensate Bellsouth for the difference between the recurring and non-recurring rates paid by ITC^DeltaCom for the high capacity Dedicated Transport or high capacity Loops and the applicable BellSouth tariff rate to which ITC^DeltaCom would have been entitled if ITC^DeltaCom had purchased such circuits from BellSouth's tariffs, including but not limited to any charges associated with converting such high capacity Dedicated Transport or high capacity Loops to wholesale services To the extent ITC^DeltaCom is eligible for a discount pursuant to the tariff, and ITC^DeltaCom commits to a discounteligible volume and/or term plan pursuant to the tariff when ordering such services, the true up will be to the discounted tariff rate The amount owed will be calculated from June 1, 2005 or the date the circuit was ordered, whichever is later

- 1 9 ITC^DeltaCom may utilize Network Elements and Other Services to provide services in accordance with this Agreement, as long as such services are consistent with industry standards and applicable BellSouth Technical References
- BellSouth will perform Routine Network Modifications (RNM) in accordance with FCC 47 C F R § 51 319 (a)(7) and (e)(4) for Loops and Dedicated Transport provided under this Attachment. If BellSouth has anticipated such RNM and performs them during normal operations and has recovered the costs for performing such modifications through the rates set forth in Exhibit A, then BellSouth shall perform such RNM at no additional charge. RNM shall be performed within the intervals established for the Network Element and subject to the performance measurements and associated remedies set forth in Attachment 9 of this Agreement to the extent such RNM were anticipated in the setting of such intervals. If BellSouth has not anticipated a requested network modification as being a RNM and has not recovered the costs of such RNM in the rates set forth in Exhibit A, then such request will be handled as a project on an individual case basis. BellSouth will provide a price quote for the request and, upon receipt of payment from ITC^DeltaCom, BellSouth shall perform the RNM.

1 11 Commingling of Services

1 11 1 Commingling means the connecting, attaching, or otherwise linking of a Network Element, or a Combination, to one or more Telecommunications Services or facilities that ITC^DeltaCom has obtained at wholesale from BellSouth, or the combining of a Network Element or Combination with one or more such wholesale Telecommunications Services or facilities ITC^DeltaCom must comply

with all rates, terms or conditions applicable to such wholesale Telecommunications Services or facilities

- Subject to the limitations set forth elsewhere in this Attachment, BellSouth shall not deny access to a Network Element or a Combination on the grounds that one or more of the elements (1) is connected to, attached to, linked to, or combined with such a facility or service obtained from BellSouth, or (2) shares part of BellSouth's network with access services or inputs for mobile wireless services and/or interexchange services
- Unless otherwise agreed to by the Parties, the Network Element portion of a commingled circuit will be billed at the rates set forth in Exhibit A and the remainder of the circuit or service will be billed in accordance with BellSouth's tariffed rates or rates set forth in a separate agreement between the Parties
- When multiplexing equipment is attached to a commingled circuit, the multiplexing equipment will be billed from the same agreement or tariff as the higher bandwidth circuit. Central Office Channel Interfaces (COCI) will be billed from the same agreement or tariff as the lower bandwidth circuit.
- Notwithstanding any other provision of this Agreement, BellSouth shall not be obligated to commingle or combine Network Elements or Combinations with any service, network element or other offering that it is obligated to make available only pursuant to Section 271 of the Act
- Terms and conditions for Service Date Advancement Charges, will apply in accordance with Attachment 6 and are incorporated herein by this reference. The charges shall be as set forth in Exhibit A
- 1 13 Ordering Guidelines and Processes
- For information regarding Ordering Guidelines and Processes for various Network Elements, Combinations and Other Services, ITC^DeltaCom should refer to the "Guides" section of the BellSouth Interconnection Web site
- Additional information may also be found in the individual CLEC Information Packages located at the "CLEC UNE Products" on BellSouth's Interconnection Web site at www.interconnection.org/www.interconnection.org/
- The provisioning of Network Elements, Combinations and Other Services to ITC^DeltaCom's Collocation Space will require cross-connections within the central office to connect the Network Element, Combinations or Other Services to the demarcation point associated with ITC^DeltaCom's Collocation Space These cross-connects are separate components that are not considered a part of the

Network Element, Combinations or Other Services and, thus, have a separate charge pursuant to this Agreement

1 13 4 <u>Testing/Trouble Reporting</u>

- ITC^DeltaCom will be responsible for testing and isolating troubles on Network Elements ITC^DeltaCom must test and isolate trouble to the BellSouth network before reporting the trouble to the UNE Customer Wholesale Interconnection Network Services (CWINS) Center Upon request from BellSouth at the time of the trouble report, ITC^DeltaCom will be required to provide the results of the ITC^DeltaCom test which indicate a problem on the BellSouth network
- Once ITC^DeltaCom has isolated a trouble to the BellSouth network, and has issued a trouble report to BellSouth, BellSouth will take the actions necessary to repair the Network Element when trouble is found. BellSouth will repair its network facilities to its wholesale customers in the same time frames that BellSouth repairs similar services to its retail End Users.
- If ITC^DeltaCom reports a trouble on a BellSouth Network Element and no trouble is found in BellSouth's network, BellSouth will charge ITC^DeltaCom a Maintenance of Service Charge for any dispatching and testing (both inside and outside the CO) required by BellSouth in order to confirm the Network Element's working status BellSouth will assess the applicable Maintenance of Service rates from BellSouth's FCC No 1 Tariff, Section 13 3 1
- In the event BellSouth must dispatch to the End User's location more than once due to incorrect or incomplete information provided by ITC^DeltaCom (e.g., incomplete address, incorrect contact name/number, etc.), BellSouth will bill ITC^DeltaCom for each additional dispatch required to repair the Network Element due to the incorrect/incomplete information provided. BellSouth will assess the applicable Maintenance of Service rates from BellSouth's FCC No 1 Tariff, Section 13 3 1

2 Loops

General The local loop Network Element is defined as a transmission facility that BellSouth provides pursuant to this Attachment between a distribution frame (or its equivalent) in BellSouth's central office and the loop demarcation point at an End User premises (Loop) Facilities that do not terminate at a demarcation point at an End User premises, including, by way of example, but not limited to, facilities that terminate to another carrier's switch or premises, a cell site, Mobile Switching Center or base station, do not constitute local Loops The Loop Network Element includes all features, functions, and capabilities of the transmission facilities, including the network interface device, and attached electronics (except those used for the provision of advanced services, such as Digital Subscriber Line Access

Multiplexers (DSLAMs)), optronics and intermediate devices (including repeaters and load coils) used to establish the transmission path to the End User's premises, including inside wire owned or controlled by BellSouth ITC^DeltaCom shall purchase the entire bandwidth of the Loop and, except as required herein or as otherwise agreed to by the Parties, BellSouth shall not subdivide the frequency of the Loop

- 2 1 1 The Loop does not include any packet switched features, functions or capabilities
- Fiber to the Home (FTTH) loops are local loops consisting entirely of fiber optic cable, whether dark or lit, serving an End User's premises or, in the case of predominantly residential multiple dwelling units (MDUs), a fiber optic cable, whether dark or lit, that extends to the MDU minimum point of entry (MPOE) Fiber to the Curb (FTTC) loops are local loops consisting of fiber optic cable connecting to a copper distribution plant that is not more than five hundred (500) feet from the End User's premises or, in the case of predominantly residential MDUs, not more than five hundred (500) feet from the MDU's MPOE. The fiber optic cable in a FTTC loop must connect to a copper distribution plant at a serving area interface from which every other copper distribution subloop also is not more than five hundred (500) feet from the respective End User's premises
- In new build (Greenfield) areas, where BellSouth has only deployed FTTH/FTTC facilities, BellSouth is under no obligation to provide Loops FTTH facilities include fiber loops deployed to the MPOE of a MDU that is predominantly residential regardless of the ownership of the inside wiring from the MPOE to each End User in the MDU
- In FTTH/FTTC overbuild situations where BellSouth also has copper Loops, BellSouth will make those copper Loops available to ITC^DeltaCom on an unbundled basis, until such time as BellSouth chooses to retire those copper Loops using the FCC's network disclosure requirements. In these cases, BellSouth will offer a sixty-four (64) kilobits per second (kbps) voice grade channel over its FTTH/FTTC facilities.
- Furthermore, in FTTH/FTTC overbuild areas where BellSouth has not yet retired copper facilities, BellSouth is not obligated to ensure that such copper Loops in that area are capable of transmitting signals prior to receiving a request for access to such Loops by ITC^DeltaCom If a request is received by BellSouth for a copper Loop, and the copper facilities have not yet been retired, BellSouth will restore the copper Loop to serviceable condition if technically feasible In these instances of Loop orders in an FTTH/FTTC overbuild area, BellSouth's standard Loop provisioning interval will not apply, and the order will be handled on a project basis by which the Parties will negotiate the applicable provisioning interval
- A hybrid Loop is a local Loop, composed of both fiber optic cable, usually in the feeder plant, and copper twisted wire or cable, usually in the distribution plant

BellSouth shall provide ITC^DeltaCom with nondiscriminatory access to the time division multiplexing features, functions and capabilities of such hybrid Loop, on an unbundled basis to establish a complete transmission path between BellSouth's central office and an End User's premises

2 1 4 <u>Transition for DS1 and DS3 Loops</u>

- For purposes of this Section 2, the Transition Period for the Embedded Base of DS1 and DS3 Loops and for the Excess DS1 and DS3 Loops (defined in 2 1 4 3) is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006
- For purposes of this Section 2, Embedded Base means DS1 and DS3 Loops that were in service for ITC^DeltaCom as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in Sections 2 1 4 5 1 or 2 1 4 5 2 below Subsequent disconnects or loss of End Users shall be removed from the Embedded Base
- Excess DS1 and DS3 Loops are those ITC^DeltaCom DS1 and DS3 Loops in service as of March 10, 2005, in excess of the caps set forth in Sections 2 3 6 2 and 2 3 12 below, respectively Subsequent disconnects or loss of End Users shall be removed from Excess DS1 and DS3 Loops
- For purposes of this Section 2, a Business Line is defined in 47 C F R § 51 5
- Notwithstanding anything to the contrary in this Agreement, and except as set forth in Section 2 1 4 12 below, BellSouth shall make available DS1 and DS3 Loops as described in this Section 2 1 4 only for ITC^DeltaCom's Embedded Base during the Transition Period
- DS1 Loops at any location within the service area of a wire center containing 60,000 or more Business Lines and four (4) or more fiber-based collocators
- DS3 Loops at any location within the service area of a wire center containing 38,000 or more Business Lines and four (4) or more fiber-based collocators
- A list of wire centers meeting the criteria set forth in Sections 2 1 4 5 1 and 2 1 4 5 2 above as of March 10, 2005 (Initial Wire Center List), is attached as Exhibit D to this Attachment or as modified by subsequent notification via BellSouth's web site
- Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for ITC^DeltaCom's Embedded Base of DS1 and DS3 Loops and ITC^DeltaCom's Excess DS1 and DS3 Loops described in this Section 2 1 4 shall be as set forth in Exhibit B On or after December 1, 2005, BellSouth shall bill to

ITC^DeltaCom the amount owed for the Embedded Base of DS1 and DS3 Loops and Excess DS1 and DS3 Loops for the period from March 11, 2005 to the Effective Date, and ITC^DeltaCom shall pay such amount according to payment processes set forth in Attachment 7 of this Agreement

- The Transition Period shall apply only to (1) ITC^DeltaCom's Embedded Base and (2) ITC^DeltaCom's Excess DS1 and DS3 Loops ITC^DeltaCom shall not add new DS1 or DS3 loops as described in this Section 2.1.4 for those wire centers that are designated as non-impaired
- Once a wire center exceeds both of the thresholds set forth in Section 2 1 4 5 1 above, no future DS1 Loop unbundling will be required in that wire center
- Once a wire center exceeds both of the thresholds set forth in Section 2 1 4 5 2 above, no future DS3 Loop unbundling will be required in that wire center
- No later than December 9, 2005 ITC^DeltaCom shall submit spreadsheet(s) identifying all of the Embedded Base of circuits and Excess DS1 and DS3 Loops to be either disconnected or converted to other BellSouth services pursuant to Section 1 6 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base and Excess DS1 and DS3 Loops. For circuits for which DeltaCom requests Conversion to tariffed wholesale services, BellSouth will not complete the Conversion until March 11, 2006, or later, and BellSouth will continue to bill ITC^DeltaCom at the transitional rates set forth in 2.1.4.7 until the circuit is converted to the tariffed wholesale service, which will occur on March 11, 2006, or later
- 2 1 4 11 1 If ITC^DeltaCom fails to submit the spreadsheet(s) specified in Section 2 1 4 11 above for all of its Embedded Base and Excess DS1 and DS3 Loops on or before February 10, 2006, BellSouth will identify ITC^DeltaCom's remaining Embedded Base and Excess DS1 and DS3 Loops, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s) Those circuits identified and transitioned by BellSouth pursuant to this Section 2 1 4 11 1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs
- For Embedded Base circuits and Excess DS1 and DS3 Loops converted pursuant to Section 2 1 4 11 above or transitioned pursuant to Section 2 1 4 11 above, the applicable recurring tariff charge shall apply to each circuit as of the date each circuit is converted or transitioned, as applicable
- 2 1 4 12 <u>Modifications and Updates to the Wire Center List and Subsequent Transition Periods</u>

- In the event BellSouth identifies additional wire centers that meet the criteria set forth in Section 2 1 4 5 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in a carrier notification letter (CNL) Each such list of additional wire centers shall be considered a "Subsequent Wire Center List"
- Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to unbundle DS1 and/or DS3 Loops, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1 8 above
- For purposes of Section 2 1 4 12 above, BellSouth shall make available DS1 and DS3 Loops that were in service for ITC^DeltaCom in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period)
- 2 1 4 12 4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base
- 2 1 4 12 5 The rates set forth in Exhibit B shall apply to the Subsequent Embedded Base during the Subsequent Transition Period
- No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List, ITC^DeltaCom shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base
- 2 1 4 12 6 1 If ITC^DeltaCom fails to submit the spreadsheet(s) specified in Section 2 1 4 12 6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify ITC^DeltaCom's remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s) Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs
- For Subsequent Embedded Base circuits converted pursuant to Section 2 1 4 12 6 above or transitioned pursuant to Section 2 1 4 12 6 1 above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is

converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period

- Where facilities are available, BellSouth will install Loops in compliance with BellSouth's Products and Services Interval Guide available at BellSouth's Web site. For orders of fifteen (15) or more Loops, the installation and any applicable. Order Coordination as described below will be handled on a project basis, and the intervals will be set by the BellSouth project manager for that order. When Loops require a Service Inquiry (SI) prior to issuing the order to determine if facilities are available, the interval for the SI process is separate from the installation interval.
- The Loop shall be provided to ITC^DeltaCom in accordance with BellSouth's TR 73600 Unbundled Local Loop Technical Specification and applicable industry standard technical references
- 2 1 7 BellSouth will only provision, maintain and repair the Loops to the standards that are consistent with the type of Loop ordered
- When a BellSouth technician is required to be dispatched to provision the Loop, BellSouth will tag the Loop with the Circuit ID number and the name of the ordering CLEC. When a dispatch is not required to provision the Loop, BellSouth will tag the Loop on the next required visit to the End User's location. If ITC^DeltaCom wants to ensure the Loop is tagged during the provisioning process for Loops that may not require a dispatch (e.g., UVL-SL1, UVL-SL2, and UCL-ND), ITC^DeltaCom may order Loop Tagging. Rates for Loop Tagging are as set forth in Exhibit A
- For voice grade Loop orders (or orders for Loops intended to provide voice grade services), ITC^DeltaCom shall have dial-tone available for that Loop forty-eight (48) hours prior to the Loop order completion due date
- 2 1 9 Order Coordination (OC) and Order Coordination-Time Specific (OC-TS)
- OC allows BellSouth and ITC^DeltaCom to coordinate the installation of the SL2 Loops, Unbundled Digital Loops (UDL) and other Loops where OC may be purchased as an option, to ITC^DeltaCom's facilities to limit End User service outage OC is available when the Loop is provisioned over an existing circuit that is currently providing service to the End User OC for physical conversions will be scheduled at BellSouth's discretion during normal working hours on the committed due date OC shall be provided in accordance with the chart set forth below
- OC-TS allows ITC^DeltaCom to order a specific time for OC to take place
 BellSouth will make commercially reasonable efforts to accommodate
 ITC^DeltaCom's specific conversion time request However, BellSouth reserves

the right to negotiate with ITC^DeltaCom a conversion time based on load and appointment control when necessary. This OC-TS is a chargeable option for all Loops except Unbundled Copper Loops (UCL) and is billed in addition to the OC charge. ITC^DeltaCom may specify a time between 9.00 a.m. and 4.00 p.m. (location time) Monday through Friday (excluding holidays). If ITC^DeltaCom specifies a time outside this window, or selects a time or quantity of Loops that requires BellSouth technicians to work outside normal work hours, overtime charges will apply in addition to the OC and OC-TS charges. Overtime charges will be applied based on the amount of overtime worked and in accordance with the rates established in BellSouth's intrastate Access Services Tariff, Section E13.2, for each state. The OC-TS charges for an order due on the same day at the same location will be applied on a per LSR basis.

2 1 10

	Order Coordination (OC)	Order Coordination - Time Specific (OC-TS)	Test Points	DLR	Charge for Dispatch and Testing if No Trouble Found
SL-1 (Non- Designed)	Chargeable Option	Chargeable Option	Not available	Chargeable Option – ordered as Engineering Information Document	Charged for Dispatch inside and outside Central Office
UCL-ND (Non- Designed)	Chargeable Option	Not Available	Not Available	Chargeable Option – ordered as Engineering Information Document	Charged for Dispatch inside and outside Central Office
Unbundled Voice Loops - SL-2 (including 2- and 4-wire UVL) (Designed)	Included	Chargeable Option	Included	Included	Charged for Dispatch outside Central Office
Unbundled Digital Loop (Designed)	Included	Chargeable Option	Included (where appropriate)	Included	Charged for Dispatch outside Central Office
Unbundled Copper Loop (Designed)	Chargeable in accordance with Section 2	Not available	Included	Included	Charged for Dispatch outside Central Office

For UVL-SL1 and UCLs, ITC^DeltaCom must order and will be billed for both OC and OC-TS if requesting OC-TS

2 1 11 CLEC to CLEC Conversions for Unbundled Loops 2 1 11 1 The CLEC to CLEC conversion process for Loops may be used by ITC^DeltaCom when converting an existing Loop from another CLEC for the same End User The Loop type being converted must be included in ITC^DeltaCom's Agreement before requesting a conversion 2 1 11 2 To utilize the CLEC to CLEC conversion process, the Loop being converted must be the same Loop type with no requested changes to the Loop, must serve the same End User location from the same serving wire center, and must not require an outside dispatch to provision 2 1 11 3 The Loops converted to ITC^DeltaCom pursuant to the CLEC to CLEC conversion process shall be provisioned in the same manner and with the same functionality and options as described in this Agreement for the specific Loop type 2 1 12 **Bulk Migration** 2 1 12 1 BellSouth will make available to ITC^DeltaCom a Bulk Migration process pursuant to which ITC^DeltaCom may request to migrate port/loop combinations, provisioned pursuant to a separate agreement between the parties, to Loops (UNE-L) The Bulk Migration process may be used if such loop/port combinations are (1) associated with two (2) or more Existing Account Telephone Numbers (EATNs), and (2) located in the same Central Office The terms and conditions for use of the Bulk Migration process are described in the BellSouth CLEC Information Package The CLEC Information Package is located on BellSouth's Interconnection Web site at www interconnection bellsouth com/guides/html/unes html The rates for the Bulk Migration process shall be the nonrecurring rates as set forth in Exhibit A Additionally, OSS charges will also apply Except as otherwise set forth herein. Loops connected to Integrated Digital Loop Carrier (IDLC) systems will be migrated pursuant to Section 2 6 below 2 1 12 2 Should ITC^DeltaCom request migration for two (2) or more EATNs containing fifteen (15) or more circuits, ITC^DeltaCom must use the Bulk Migration process referenced in 2 1 11 1 above 22 <u>Unbundled Voice Loops</u> (UVLs) 221 BellSouth shall make available the following UVLs

- 2 2 1 1 2-wire Analog Voice Grade Loop SL1 (Non-Designed),
- 2 2 1 2 2-wire Analog Voice Grade Loop SL2 (Designed), or
- 2 2 1 3 4-wire Analog Voice Grade Loop (Designed)
- UVL may be provisioned using any type of facility that will support voice grade services. This may include loaded copper, non-loaded copper, digital loop carrier systems, fiber/copper combination (hybrid loop) or a combination of any of these facilities. BellSouth, in the normal course of maintaining, repairing, and configuring its network, may also change the facilities that are used to provide any given voice grade circuit. This change may occur at any time. In these situations, BellSouth will only ensure that the newly provided facility will support voice grade services. BellSouth will not guarantee that ITC^DeltaCom will be able to continue to provide any advanced services over the new facility. BellSouth will offer UVL in two (2) different service levels Service Level One (SL1) and Service Level Two (SL2)
- Unbundled Voice Loop SL1 (UVL-SL1) Loops are 2-wire loop start circuits, will be non-designed, and will not have remote access test points. OC will be offered as a chargeable option on SL1 Loops when reuse of existing facilities has been requested by ITC^DeltaCom, however, OC is always required on UCLs that involve the reuse of facilities that are currently providing service. ITC^DeltaCom may also order OC-TS when a specified conversion time is requested. OC-TS is a chargeable option for any coordinated order and is billed in addition to the OC charge. An Engineering Information (EI) document can be ordered as a chargeable option. The EI document provides Loop Make-Up information which is similar to the information normally provided in a Design Layout Record (DLR). Upon issuance of a non-coordinated order in the service order system, SL1 Loops will be activated on the due date in the same manner and time frames that BellSouth normally activates POTS-type Loops for its End Users.
- For an additional charge BellSouth will make available Loop Testing so that ITC^DeltaCom may request further testing on new UVL-SL1 Loops Rates for Loop Testing are as set forth in Exhibit A
- <u>Unbundled Voice Loop SL2 (UVL-SL2)</u> Loops may be 2-wire or 4-wire circuits, shall have remote access test points, and will be designed with a DLR provided to ITC^DeltaCom SL2 circuits can be provisioned with loop start, ground start or reverse battery signaling OC is provided as a standard feature on SL2 Loops The OC feature will allow ITC^DeltaCom to coordinate the installation of the Loop with the disconnect of an existing customer's service and/or number portability service. In these cases, BellSouth will perform the order conversion with standard order coordination at its discretion during normal work hours

2 3	<u>Unbundled Digital Loops</u>
2 3 1	BellSouth will offer UDLs UDLs are service specific, will be designed, will be provisioned with test points (where appropriate), and will come standard with OC and a DLR The various UDLs are intended to support a specific digital transmission scheme or service
232	BellSouth shall make available the following UDLs, subject to restrictions set forth herein
2321	2-wire Unbundled ISDN Digital Loop,
2322	2-wire Unbundled ADSL Compatible Loop,
2323	2-wire Unbundled HDSL Compatible Loop,
2324	4-wire Unbundled HDSL Compatible Loop,
2325	4-wire Unbundled DS1 Digital Loop,
2326	4-wire Unbundled Digital Loop/DS0 – 64 kbps, 56 kbps and below,
2327	DS3 Loop, or
2328	STS-1 Loop
233	2-wire Unbundled ISDN Digital Loops These will be provisioned according to industry standards for 2-Wire Basic Rate ISDN services and will come standard with a test point, OC, and a DLR ITC^DeltaCom will be responsible for providing BellSouth with a Service Profile Identifier (SPID) associated with a particular ISDN-capable Loop and End User With the SPID, BellSouth will be able to adequately test the circuit and ensure that it properly supports ISDN service
234	2-wire ADSL-Compatible Loop This is a designed Loop that is provisioned according to Revised Resistance Design (RRD) criteria and may be up to 18,000 feet long and may have up to 6,000 feet of bridged tap (inclusive of Loop length) The Loop is a 2-wire circuit and will come standard with a test point, OC, and a DLR
2 3 5	2-wire or 4-wire HDSL-Compatible Loop. This is a designed Loop that meets Carrier Serving Area (CSA) specifications, may be up to 12,000 feet long and may have up to 2,500 feet of bridged tap (inclusive of Loop length). It may be a 2-wire or 4-wire circuit and will come standard with a test point, OC, and a DLR
236	4-wire Unbundled DS1 Digital Loop

- This is a designed 4-wire Loop that is provisioned according to industry standards for DS1 or Primary Rate ISDN services and will come standard with a test point, OC, and a DLR A DS1 Loop may be provisioned over a variety of loop transmission technologies including copper, HDSL-based technology or fiber optic transport systems. It will include a 4-wire DS1 Network Interface at the End User's location. For purposes of this Agreement, including the transition of DS1 and DS3 Loops described in Section 2.1.4 above, DS1 Loops include 2-wire and 4-wire copper Loops capable of providing high-bit rate digital subscriber line services, such as 2-wire and 4-wire HDSL Compatible Loops
- BellSouth shall not provide more than ten (10) unbundled DS1 Loops to ITC^DeltaCom at any single building in which DS1 Loops are available as unbundled Loops
- 4-wire Unbundled Digital/DS0 Loop These are designed 4-wire Loops that may be configured as sixty-four (64)kbps, fifty-six (56)kbps, nineteen (19)kbps, and other sub-rate speeds associated with digital data services and will come standard with a test point, OC, and a DLR
- DS3 Loop DS3 Loop is a two-point digital transmission path which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital electrical signals at a transmission rate of forty-four point seven thirty-six (44 736) megabits per second (Mbps) that is dedicated to the use of the ordering CLEC. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated DS3 transport is a metallic-based electrical interface.
- STS-1 Loop STS-1 Loop is a high-capacity digital transmission path with SONET VT1 5 mapping that is dedicated for the use of the ordering customer. It is a two (2)-point digital transmission path which provides for simultaneous two (2)-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of fifty-one point eighty-four (51 84) Mbps. It may provide transport for twenty-eight (28) DS1 channels, each of which provides the digital equivalent of twenty-four (24) analog voice grade channels. The interface to unbundled dedicated STS-1 transport is a metallic-based electrical interface
- 2 3 10 Both DS3 Loop and STS-1 Loop require a SI in order to ascertain availability
- DS3 services come with a test point and a DLR Mileage is airline miles, rounded up and a minimum of one (1) mile applies BellSouth's TR 73501

 LightGate® Service Interface and Performance Specifications, Issue D, June 1995 applies to DS3 services

- 2 3 12 ITC^DeltaCom may obtain a maximum of a single Unbundled DS3 Loop to any single building in which DS3 Loops are available as Unbundled Loops
- 2 4 Unbundled Copper Loops (UCL)
- BellSouth shall make available UCLs The UCL is a copper twisted pair Loop that is unencumbered by any intervening equipment (e.g., filters, load coils, range extenders, digital loop carrier, or repeaters) and is not intended to support any particular telecommunications service. The UCL will be offered in two (2) types Designed and Non-Designed
- 2 4 2 Unbundled Copper Loop Designed (UCL-D)
- 2 4 2 1 The UCL-D will be provisioned as a dry copper twisted pair (2-wire or 4-wire) Loop that is unencumbered by any intervening equipment (e g, filters, load coils, range extenders, digital loop carrier, or repeaters)
- A UCL-D will be eighteen thousand (18,000) feet or less in length and is provisioned according to Resistance Design parameters, may have up to six thousand (6,000) feet of bridged tap and will have up to thirteen hundred (1300) Ohms of resistance
- The UCL-D is a designed circuit, is provisioned with a test point, and comes standard with a DLR OC is a chargeable option for a UCL-D, however, OC is always required on UCLs where a reuse of existing facilities has been requested by ITC^DeltaCom
- These Loops are not intended to support any particular services and may be utilized by ITC^DeltaCom to provide a wide-range of telecommunications services as long as those services do not adversely affect BellSouth's network. This facility will include a Network Interface Device (NID) at the customer's location for the purpose of connecting the Loop to the customer's inside wire
- 2 4 3 <u>Unbundled Copper Loop Non-Designed (UCL-ND)</u>
- The UCL-ND is provisioned as a dedicated 2-wire metallic transmission facility from BellSouth's Main Distribution Frame (MDF) to a customer's premises (including the NID) The UCL-ND will be a "dry copper" facility in that it will not have any intervening equipment such as load coils, repeaters, or digital access main lines (DAMLs), and may have up to six thousand (6,000) feet of bridged tap between the End User's premises and the serving wire center. The UCL-ND typically will be thirteen hundred (1300) Ohms resistance and in most cases will not exceed eighteen thousand (18,000) feet in length, although the UCL-ND will not have a specific length limitation. For Loops less than eighteen thousand (18,000) feet and with less than thirteen hundred (1300) Ohms resistance, the

Loop will provide a voice grade transmission channel suitable for loop start signaling and the transport of analog voice grade signals. The UCL-ND will not be designed and will not be provisioned with either a DLR or a test point

- The UCL-ND facilities may be mechanically assigned using BellSouth's assignment systems. Therefore, the Loop Makeup (LMU) process is not required to order and provision the UCL-ND. However, ITC^DeltaCom can request LMU for which additional charges would apply
- For an additional charge, BellSouth also will make available Loop Testing so that ITC^DeltaCom may request further testing on the UCL-ND Rates for Loop Testing are as set forth in Exhibit A
- UCL-ND Loops are not intended to support any particular service and may be utilized by ITC^DeltaCom to provide a wide-range of telecommunications services as long as those services do not adversely affect BellSouth's network. The UCL-ND will include a NID at the customer's location for the purpose of connecting the Loop to the customer's inside wire.
- OC will be provided as a chargeable option and may be utilized when the UCL-ND provisioning is associated with the reuse of BellSouth facilities OC-TS does not apply to this product
- ITC^DeltaCom may use BellSouth's Unbundled Loop Modification (ULM) offering to remove excessive bridged taps and/or load coils from any copper Loop within the BellSouth network. Therefore, some Loops that would not qualify as UCL-ND could be transformed into Loops that do qualify, using the ULM process.
- 2 5 <u>Unbundled Loop Modifications (Line Conditioning)</u>
- Line Conditioning is defined as routine network modification that BellSouth regularly undertakes to provide xDSL services to its own customers. This may include the removal of any device, from a copper Loop or copper Subloop that may diminish the capability of the Loop or Subloop to deliver high-speed switched wireline telecommunications capability, including xDSL service. Such devices include, load coils, excessive bridged taps, low pass filters, and range extenders. Excessive bridged taps are bridged taps that serves no network design purpose and that are beyond the limits set according to industry standards and/or the BellSouth's TR 73600 Unbundled Local Loop Technical Specification.
- BellSouth will remove load coils only on copper Loops and Subloops that are less than eighteen thousand (18,000) feet in length

- For any copper loop being ordered by ITC^DeltaCom which has over six thousand (6,000) feet of combined bridged tap will be modified, upon request from ITC^DeltaCom, so that the loop will have a maximum of six thousand (6,000) feet of bridged tap. This modification will be performed at no additional charge to ITC^DeltaCom. Loop conditioning orders that require the removal of bridged tap that serves no network design purpose on a copper Loop that will result in a combined total of bridged tap between two thousand five hundred (2,500) and six thousand (6,000) feet will be performed at the rates set forth in Exhibit A
- ITC^DeltaCom may request removal of any unnecessary and non-excessive bridged tap (bridged tap between zero (0) and two thousand five hundred (2,500) feet which serves no network design purpose), at rates pursuant to BellSouth's SC Process as mutually agreed to by the Parties
- 2.5.5 Rates for ULM are as set forth in Exhibit A
- BellSouth will not modify a Loop in such a way that it no longer meets the technical parameters of the original Loop type (e.g., voice grade, ADSL, etc.) being ordered
- If ITC^DeltaCom requests ULM on a reserved facility for a new Loop order, BellSouth may perform a pair change and provision a different Loop facility in lieu of the reserved facility with ULM if feasible The Loop provisioned will meet or exceed specifications of the requested Loop facility as modified ITC^DeltaCom will not be charged for ULM if a different Loop is provisioned For Loops that require a DLR or its equivalent, BellSouth will provide LMU detail of the Loop provisioned
- 2 5 8 ITC^DeltaCom shall request Loop make up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that ITC^DeltaCom desires BellSouth to condition
- When requesting ULM for a Loop that BellSouth has previously provisioned for ITC^DeltaCom, ITC^DeltaCom will submit a SI to BellSouth. If a spare Loop facility that meets the Loop modification specifications requested by ITC^DeltaCom is available at the location for which the ULM was requested, ITC^DeltaCom will have the option to change the Loop facility to the qualifying spare facility rather than to provide ULM. In the event that BellSouth changes the Loop facility in lieu of providing ULM, ITC^DeltaCom will not be charged for ULM but will only be charged the service order charges for submitting an order
- 2 6 <u>Loop Provisioning Involving IDLC</u>
- Where ITC^DeltaCom has requested an Unbundled Loop and BellSouth uses IDLC systems to provide the local service to the End User and BellSouth has a

suitable alternate facility available, BellSouth will make such alternative facilities available to ITC^DeltaCom
If a suitable alternative facility is not available, then to the extent it is technically feasible, BellSouth will implement one of the following alternative arrangements for ITC^DeltaCom (e g , hairpinning)

- 1 Roll the circuit(s) from the IDLC to any spare copper that exists to the customer premises
- 2 Roll the circuit(s) from the IDLC to an existing DLC that is not integrated
- 3 If capacity exists, provide "side-door" porting through the switch
- 4 If capacity exists, provide "Digital Access Cross-Connect System (DACS)-door" porting (if the IDLC routes through a DACS prior to integration into the switch)
- Arrangements 3 and 4 above require the use of a designed circuit Therefore, non-designed Loops such as the SL1 voice grade and UCL-ND may not be ordered in these cases
- If no alternate facility is available, and upon request from ITC^DeltaCom, and if agreed to by both Parties, BellSouth may utilize its SC process to determine the additional costs required to provision facilities ITC^DeltaCom will then have the option of paying the one-time SC rates to place the Loop

2.7 Network Interface Device

- The NID is defined as any means of interconnection of the End User's customer premises wiring to BellSouth's distribution plant, such as a cross-connect device used for that purpose. The NID is a single line termination device or that portion of a multiple line termination device required to terminate a single line or circuit at the premises. The NID features two (2) independent chambers or divisions that separate the service provider's network from the End User's premises wiring. Each chamber or division contains the appropriate connection points or posts to which the service provider and the End User each make their connections. The NID provides a protective ground connection and is capable of terminating cables such as twisted pair cable.
- BellSouth shall permit ITC^DeltaCom to connect ITC^DeltaCom's Loop facilities to the End User's customer premises wiring through the BellSouth NID or at any other technically feasible point

2 7 3 Access to NID

2 7 3 1 ITC^DeltaCom may access the End User's premises wiring by any of the following means and ITC^DeltaCom shall not disturb the existing form of electrical protection and shall maintain the physical integrity of the NID

- BellSouth shall allow ITC^DeltaCom to connect its Loops directly to BellSouth's multi-line residential NID enclosures that have additional space and are not used by BellSouth or any other telecommunications carriers to provide service to the premises,
- Where an adequate length of the End User's customer premises wiring is present and environmental conditions permit, either Party may remove the End User premises wiring from the other Party's NID and connect such wiring to that Party's own NID,
- Either Party may enter the subscriber access chamber or dual chamber NID enclosures for the purpose of extending a cross-connect or spliced jumper wire from the customer premises wiring through a suitable "punch-out" hole of such NID enclosures, or
- 2 7 3 1 4 ITC^DeltaCom may request BellSouth to make other rearrangements to the End User premises wiring terminations or terminal enclosure on a time and materials cost basis
- 2732 In no case shall either Party remove or disconnect the other Party's loop facilities from either Party's NIDs, enclosures, or protectors unless the applicable Commission has expressly permitted the same and the disconnecting Party provides prior notice to the other Party In such cases, it shall be the responsibility of the Party disconnecting loop facilities to leave undisturbed the existing form of electrical protection and to maintain the physical integrity of the NID It will be ITC^DeltaCom's responsibility to ensure there is no safety hazard, and ITC^DeltaCom will hold BellSouth harmless for any liability associated with the removal of the BellSouth Loop from the BellSouth NID Furthermore, it shall be the responsibility of the disconnecting Party, once the other Party's loop has been disconnected from the NID, to reconnect the disconnected loop to a nationally recognized testing laboratory listed station protector, which has been grounded as per Article 800 of the National Electrical Code If no spare station protector exists in the NID, the disconnected loop must be appropriately cleared, capped and stored
- 2 7 3 3 ITC^DeltaCom shall not remove or disconnect ground wires from BellSouth's NIDs, enclosures, or protectors
- 2 7 3 4 ITC^DeltaCom shall not remove or disconnect NID modules, protectors, or terminals from BellSouth's NID enclosures
- Due to the wide variety of NID enclosures and outside plant environments, BellSouth will work with ITC^DeltaCom to develop specific procedures to establish the most effective means of implementing this section if the procedures set forth herein do not apply to the NID in question

274	Technical Requirements
2741	The NID shall provide an accessible point of interconnection and shall maintain a connection to ground
2742	If an existing NID is accessed, it shall be capable of transferring electrical analog or digital signals between the End User's customer premises and the distribution media and/or cross-connect to ITC^DeltaCom's NID
2743	Existing BellSouth NIDs will be operational and provided in "as is" condition ITC^DeltaCom may request BellSouth to do additional work to the NID on a time and material basis. When ITC^DeltaCom deploys its own local loops in a multiple-line termination device, ITC^DeltaCom shall specify the quantity of NID connections that it requires within such device
28	Subloop Elements
281	Where facilities permit, BellSouth shall offer access to its Unbundled Subloop (USL) elements as specified herein
282	Unbundled Subloop Distribution (USLD)
2821	The USLD facility is a dedicated transmission facility that BellSouth provides from an End User's point of demarcation to a BellSouth cross-connect device. The BellSouth cross-connect device may be located within a remote terminal (RT) or a stand-alone cross-box in the field or in the equipment room of a building. The USLD media is a copper twisted pair that can be provisioned as a 2-wire or 4-wire facility. BellSouth will make available the following subloop distribution offerings where facilities exist.
	USLD – Voice Grade (USLD-VG) Unbundled Copper Subloop (UCSL) USLD – Intrabuilding Network Cable (USLD-INC (aka riser cable))
2822	USLD-VG is a copper subloop facility from the cross-box in the field up to and including the point of demarcation at the End User's premises and may have load coils
2823	UCSL is a copper facility eighteen thousand (18,000) feet or less in length provided from the cross-box in the field up to and including the End User's point of demarcation. If available, this facility will not have any intervening equipment such as load coils between the End User and the cross-box.
28231	If ITC^DeltaCom requests a UCSL and it is not available, ITC^DeltaCom may request the copper Subloop facility be modified pursuant to the ULM process to

remove load coils and/or excessive bridged taps. If load coils and/or excessive bridged taps are removed, the facility will be classified as a UCSL

- USLD-INC is the distribution facility owned or controlled by BellSouth inside a building or between buildings on the same property that is not separated by a public street or road USLD-INC includes the facility from the cross-connect device in the building equipment room up to and including the point of demarcation at the End User's premises
- Upon request for USLD-INC from ITC^DeltaCom, BellSouth will install a cross-connect panel in the building equipment room for the purpose of accessing USLD-INC pairs from a building equipment room. The cross-connect panel will function as a single point of interconnection (SPOI) for USLD-INC and will be accessible by multiple carriers as space permits. BellSouth will place cross-connect blocks in twenty five (25) pair increments for ITC^DeltaCom's use on this cross-connect panel. ITC^DeltaCom will be responsible for connecting its facilities to the twenty five (25) pair cross-connect block(s)
- For access to Voice Grade USLD and UCSL, ITC^DeltaCom shall install a cable to the BellSouth cross-box pursuant to the terms and conditions for physical collocation for remote sites set forth in Attachment 4. This cable would be connected by a BellSouth technician within the BellSouth cross-box during the set-up process. ITC^DeltaCom's cable pairs can then be connected to BellSouth's USL within the BellSouth cross-box by the BellSouth technician.
- Through the SI process, BellSouth will determine whether access to USLs at the location requested by ITC^DeltaCom is technically feasible and whether sufficient capacity exists in the cross-box. If existing capacity is sufficient to meet ITC^DeltaCom's request, then BellSouth will perform the site set-up as described in the CLEC Information Package, located at BellSouth's Interconnection Web site. www.interconnection.bellsouth.com/products/html/unes.html
- The site set-up must be completed before ITC^DeltaCom can order Subloop pairs For the site set-up in a BellSouth cross-connect box in the field, BellSouth will perform the necessary work to splice ITC^DeltaCom's cable into the cross-connect box. For the site set-up inside a building equipment room, BellSouth will perform the necessary work to install the cross-connect panel and the connecting block(s) that will be used to provide access to the requested USLs
- Once the site set-up is complete, ITC^DeltaCom will request Subloop pairs through submission of a LSR form to the LCSC OC is required with USL pair provisioning when ITC^DeltaCom requests reuse of an existing facility, and the OC charge shall be billed in addition to the USL pair rate. For expedite requests by ITC^DeltaCom for Subloop pairs, expedite charges will apply for intervals less than five (5) days

2829 USLs will be provided in accordance with BellSouth's TR 73600 Unbundled Local Loop Technical Specifications 283 <u>Unbundled Network Terminating Wire (UNTW)</u> 2831 UNTW is unshielded twisted copper wiring that is used to extend circuits from an intra-building network cable terminal or from a building entrance terminal to an individual End User's point of demarcation It is the final portion of the Loop that in multi-subscriber configurations represents the point at which the network branches out to serve individual subscribers 2832 This element will be provided in MDUs and/or Multi-Tenants Units (MTUs) where either Party owns wiring all the way to the End User's premises Neither Party will provide this element in locations where the property owner provides its own wiring to the End User's premises, where a third party owns the wiring to the End User's premises 2833 Requirements 28331 On a multi-unit premises, upon request of the other Party (Requesting Party), the Party owning the network terminating wire (Provisioning Party) will provide access to UNTW pairs on an Access Terminal that is suitable for use by multiple carriers at each Garden Terminal or Wiring Closet 28332 The Provisioning Party shall not be required to install new or additional NTW beyond existing NTW to provision the services of the Requesting Party 28333 In existing MDUs and/or MTUs in which BellSouth does not own or control wiring (INC/NTW) to the End Users premises, and ITC^DeltaCom does own or control such wiring, ITC^DeltaCom will install UNTW Access Terminals for BellSouth under the same terms and conditions as BellSouth provides UNTW Access Terminals to ITC^DeltaCom 28334 In situations in which BellSouth activates a UNTW pair, BellSouth will compensate ITC^DeltaCom for each pair activated commensurate to the price specified in ITC^DeltaCom's Agreement 28335 Upon receipt of the UNTW SI requesting access to the Provisioning Party's UNTW pairs at a multi-unit premises, representatives of both Parties will participate in a meeting at the site of the requested access. The purpose of the site visit will include discussion of the procedures for installation and location of the Access Terminals By request of the Requesting Party, an Access Terminal will be installed either adjacent to each of the Provisioning Party's Garden Terminal or inside each Wiring Closet The Requesting Party will deliver and connect its central office facilities to the UNTW pairs within the Access Terminal The

Requesting Party may access any available pair on an Access Terminal A pair is available when a pair is not being utilized to provide service or where the End User has requested a change in its local service provider to the Requesting Party Prior to connecting the Requesting Party's service on a pair previously used by the Provisioning Party, the Requesting Party is responsible for ensuring the End User is no longer using the Provisioning Party's service or another CLEC's service before accessing UNTW pairs

- 2 8 3 3 6 Access Terminal installation intervals will be established on an individual case basis
- The Requesting Party is responsible for obtaining the property owner's permission for the Provisioning Party to install an Access Terminal(s) on behalf of the Requesting Party. The submission of the SI by the Requesting Party will serve as certification by the Requesting Party that such permission has been obtained. If the property owner objects to Access Terminal installations that are in progress or within thirty (30) days after completion and demands removal of Access Terminals, the Requesting Party will be responsible for costs associated with removing Access Terminals and restoring the property to its original state prior to Access Terminals being installed
- The Requesting Party shall indemnify and hold harmless the Provisioning Party against any claims of any kind that may arise out of the Requesting Party's failure to obtain the property owner's permission. The Requesting Party will be billed for nonrecurring and recurring charges for accessing UNTW pairs at the time the Requesting Party activates the pair(s). The Requesting Party will notify the Provisioning Party within five (5) business days of activating UNTW pairs using the LSR form.
- If a trouble exists on a UNTW pair, the Requesting Party may use an alternate spare pair that serves that End User if a spare pair is available. In such cases, the Requesting Party will re-terminate its existing jumper from the defective pair to the spare pair. Alternatively, the Requesting Party will isolate and report troubles in the manner specified by the Provisioning Party. The Requesting Party must tag the UNTW pair that requires repair. If the Provisioning Party dispatches a technician on a reported trouble call and no UNTW trouble is found, the Provisioning Party will charge Requesting Party for time spent on the dispatch and testing the UNTW pair(s).
- If the Requesting Party initiates the Access Terminal installation and the Requesting Party has not activated at least ten percent (10%) of the capacity of the Access Terminal installed pursuant to the Requesting Party's request for an Access Terminal within six (6) months of installation of the Access Terminal, the Provisioning Party will bill the Requesting Party a nonrecurring charge equal to the actual cost of provisioning the Access Terminal

- If the Provisioning Party determines that the Requesting Party is using the UNTW pairs without reporting the activation of the pairs, the Requesting Party will be billed for the use of that pair back to the date the End User began receiving service from the Requesting Party at that location Upon request, the Requesting Party will provide copies of its billing record to substantiate such date. If the Requesting Party fails to provide such records, then the Provisioning Party will bill the Requesting Party back to the date of the Access Terminal installation.
- 2 8 4 Dark Fiber Loop
- Dark Fiber Loop is an unused optical transmission facility, without attached signal regeneration, multiplexing, aggregation or other electronics, from the demarcation point at an End User's premises to the End User's serving wire center. Dark Fiber Loops may be strands of optical fiber existing in aerial or underground structure. BellSouth will not provide line terminating elements, regeneration or other electronics necessary for ITC^DeltaCom to utilize Dark Fiber Loops.
- 2 8 4 2 <u>Transition for Dark Fiber Loop</u>
- For purposes of this Section 2 8 4, the Transition Period for Dark Fiber Loops is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006
- For purposes of this Section 2 8 4, Embedded Base means Dark Fiber Loops that were in service for ITC^DeltaCom as of March 10, 2005 Subsequent disconnects or loss of End Users shall be removed from the Embedded Base
- During the Transition Period only, BellSouth shall make available for the Embedded Base Dark Fiber Loops for ITC^DeltaCom at the terms and conditions set forth in this Attachment
- Notwithstanding the Effective Date of this Agreement, the rates for ITC^DeltaCom's Embedded Base of Dark Fiber Loops during the Transition Period shall be as set forth in Exhibit A On or after December 1, 2005, BellSouth shall bill to ITC^DeltaCom the amount owed for the Embedded Base of Dark Fiber Loops for the period from March 11, 2005 to the Effective Date, and ITC^DeltaCom shall pay such amount according to payment processes set forth in Attachment 7 of this Agreement
- The Transition Period shall apply only to ITC^DeltaCom's Embedded Base and ITC^DeltaCom shall not add new Dark Fiber Loops pursuant to this Agreement
- 2 8 4 6 Effective September 11, 2006, Dark Fiber Loops will no longer be made available pursuant to this Agreement

- No later than June 10, 2006 ITC^DeltaCom shall submit spreadsheet(s) identifying all of the Embedded Base of circuits to be either disconnected or converted to other BellSouth services as Conversions pursuant to Section 1 6 above The Parties shall negotiate a project schedule for the Conversion of the Embedded Base
- If ITC^DeltaCom fails to submit the spreadsheet(s) specified in Section 2 8 4 7 above for all of its Embedded Base prior to June 10, 2006, BellSouth will identify ITC^DeltaCom's remaining Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 2 8 4 7 1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs
- For Embedded Base circuits converted pursuant to Section 2 8 4 7 above or transitioned pursuant to Section 2 8 4 7 1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or September 11, 2006
- 2 9 <u>Loop Makeup</u>
- 2 9 1 <u>Description of Service</u>
- BellSouth shall make available to ITC^DeltaCom LMU information with respect to Loops that are required to be unbundled under this Agreement so that ITC^DeltaCom can make an independent judgment about whether the Loop is capable of supporting the advanced services equipment ITC^DeltaCom intends to install and the services ITC^DeltaCom wishes to provide LMU is a preordering transaction, distinct from ITC^DeltaCom ordering any other service(s) Loop Makeup Service Inquiries (LMUSI) and mechanized LMU queries for preordering LMU are likewise unique from other preordering functions with associated SIs as described in this Agreement
- BellSouth will provide ITC^DeltaCom LMU information consisting of the composition of the Loop material (copper/fiber), the existence, location and type of equipment on the Loop, including but not limited to digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridged taps, load coils, pair-gain devices, the Loop length, the wire gauge and electrical parameters
- BellSouth's LMU information is provided to ITC^DeltaCom as it exists either in BellSouth's databases or in its hard copy facility records BellSouth does not guarantee accuracy or reliability of the LMU information provided

- BellSouth's provisioning of LMU information to the requesting CLEC for facilities is contingent upon either BellSouth or the requesting CLEC controlling the Loop(s) that serve the service location for which LMU information has been requested by the CLEC. The requesting CLEC is not authorized to receive LMU information on a facility used or controlled by another CLEC unless BellSouth receives a LOA from the voice CLEC (owner) or its authorized agent on the LMUSI submitted by the requesting CLEC
- 2915 ITC^DeltaCom may choose to use equipment that it deems will enable it to provide a certain type and level of service over a particular BellSouth Loop as long as that equipment does not disrupt other services on the BellSouth network The determination shall be made solely by ITC^DeltaCom and BellSouth shall not be liable in any way for the performance of the advanced data services provisioned over said Loop The specific Loop type (e.g., ADSL, HDSL, or otherwise) ordered on the LSR must match the LMU of the Loop reserved taking into consideration any requisite line conditioning. The LMU data is provided for informational purposes only and does not guarantee ITC^DeltaCom's ability to provide advanced data services over the ordered Loop type Furthermore, the LMU information for Loops other than copper-only Loops (e.g., ADSL, UCL-ND, etc) that support xDSL services, is subject to change at any time due to modifications and/or upgrades to BellSouth's network Except as set forth in Section 2 9 1 6 below, copper-only Loops will not be subject to change due to modification and/or upgrades to BellSouth's network and will remain on copper facilities until the Loop is disconnected by ITC^DeltaCom or the End User, or until BellSouth retires the copper facilities via the FCC's and any applicable Commission's requirements ITC^DeltaCom is fully responsible for any of its service configurations that may differ from BellSouth's technical standard for the Loop type ordered
- If BellSouth retires its copper facilities using 47 C F R § 51 325(a) requirements, or is required by a governmental agency or regulatory body to move or replace copper facilities as a maintenance procedure, BellSouth will notify ITC^DeltaCom, according to the applicable network disclosure requirements. It will be ITC^DeltaCom's responsibility to move any service it may provide over such facilities to alternative facilities. If ITC^DeltaCom fails to move the service to alternative facilities by the date in the network disclosure notice, BellSouth may terminate the service to complete the network change.

2 9 2 Submitting LMUSI

ITC^DeltaCom may obtain LMU information and reserve facilities by submitting a mechanized LMU query or a manual LMUSI according to the terms and conditions as described in the LMU CLEC Information Package, incorporated herein by reference as it may be amended from time to time. The CLEC Information Package is located at the "CLEC UNE Product" on the BellSouth

Interconnection Web site

www interconnection bellsouth com/guides/html/unes html After obtaining the Loop information from the mechanized LMU process, if ITC^DeltaCom needs further Loop information in order to determine Loop service capability, ITC^DeltaCom may initiate a separate Manual SI for a separate nonrecurring charge as set forth in Exhibit A

- All LSRs issued for reserved facilities shall reference the facility reservation number as provided by BellSouth ITC^DeltaCom will not be billed any additional LMU charges for the Loop ordered on such LSR If, however, ITC^DeltaCom does not reserve facilities upon an initial LMUSI, ITC^DeltaCom's placement of an order for an advanced data service type facility will incur the appropriate billing charges to include SI and reservation per Exhibit A
- Where ITC^DeltaCom has reserved multiple Loop facilities on a single reservation, ITC^DeltaCom may not specify which facility shall be provisioned when submitting the LSR For those occasions, BellSouth will assign to ITC^DeltaCom, subject to availability, a facility that meets the BellSouth technical standards of the BellSouth type Loop as ordered by ITC^DeltaCom.
- 2 9 2 4 Charges for preordering manual LMUSI or mechanized LMU are separate from any charges associated with ordering other services from BellSouth

3 Line Splitting

- Line splitting shall mean that a provider of data services (a Data LEC) and a provider of voice services (a Voice CLEC) to deliver voice and data service to End Users over the same Loop The Voice CLEC and Data LEC may be the same or different carriers
- Line Splitting UNE-L In the event ITC^DeltaCom provides its own switching or obtains switching from a third party, ITC^DeltaCom may engage in line splitting arrangements with another CLEC using a splitter, provided by ITC^DeltaCom, in a Collocation Space at the central office where the loop terminates into a distribution frame or its equivalent
- 3 3 <u>Line Splitting –Loop and UNE Port (UNE-P)</u>
- To the extent ITC^DeltaCom is purchasing UNE-P pursuant to this Agreement, BellSouth will permit ITC^DeltaCom to replace UNE-P with Line Splitting. The UNE-P arrangement will be converted to a stand-alone Loop, a Network Element switch port, two (2) collocation cross-connects and the high frequency spectrum line activation. The resulting arrangement shall continue to be included in ITC^DeltaCom's Embedded Base as described in Section 5.4.3.2 below.

332 ITC^DeltaCom shall provide BellSouth with a signed LOA between it and the Data LEC or Voice CLEC with which it desires to provision Line Splitting services, if ITC^DeltaCom will not provide voice and data services 333 Line Splitting arrangements in service pursuant to this Section 3.3 must be disconnected or provisioned pursuant to Section 3 2 above on or before March 10, 2006 34 Provisioning Line Splitting and Splitter Space – UNE-P 341 The Data LEC, Voice CLEC or BellSouth may provide the splitter When ITC^DeltaCom or its authorized agent owns the splitter, Line Splitting requires the following a non-designed analog Loop from the serving wire center to the NID at the End User's location, a collocation cross-connection connecting the Loop to the collocation space, a second collocation cross-connection from the collocation space connected to a voice port, the high frequency spectrum line activation, and a splitter When BellSouth owns the splitter, Line Splitting requires the following a non-designed analog Loop from the serving wire center to the NID at the End User's location with CFA and splitter port assignments, and a collocation crossconnection from the collocation space connected to a voice port 342 An unloaded 2-wire copper Loop must serve the End User The meet point for the Voice CLEC and the Data LEC is the point of termination on the MDF for the Data LEC's cable and pairs 343 The foregoing procedures are applicable to migration from a UNE-P arrangement to Line Splitting Service 3 5 Provisioning Line Splitting and Splitter Space – UNE-L 351 The Voice CLEC provides the splitter when providing Line Splitting with UNE-L When ITC^DeltaCom owns the splitter, Line Splitting requires the following a loop from NID at the End User's location to the serving wire center and terminating into a distribution frame or its equivalent 36 CLEC Provided Splitter - Line Splitting - UNE-P and UNE-L 361 To order High Frequency Spectrum on a particular Loop, ITC^DeltaCom must have a DSLAM collocated in the central office that serves the End User of such Loop 362 ITC^DeltaCom may purchase, install and maintain central office POTS splitters in its collocation arrangements ITC^DeltaCom may use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum Existing Collocation rules and procedures and the

terms and conditions relating to Collocation set forth in Attachment 4-Central Office shall apply

- Any splitters installed by ITC^DeltaCom in its collocation arrangement shall comply with ANSI T1 413, Annex E, or any future ANSI splitter Standards ITC^DeltaCom may install any splitters that BellSouth deploys or permits to be deployed for itself or any BellSouth affiliate
- 3 7 <u>Maintenance Line Splitting UNE-P and UNE-L</u>
- BellSouth will be responsible for repairing voice troubles and the troubles with the physical loop between the NID at the End User's premises and the termination point
- ITC^DeltaCom shall indemnify, defend and hold harmless BellSouth from and against any claims, losses, actions, causes of action, suits, demands, damages, injury, and costs including reasonable attorney fees, which arise out of actions related to the other service provider, except to the extent caused by BellSouth's gross negligence or willful misconduct

4 Local Switching

- Notwithstanding anything to the contrary in this Agreement, the services offered pursuant to this Section 4 are limited to DS0 level Local Switching and BellSouth is not required to provide Local Switching pursuant to this Agreement except as set forth in Section 4 2 below
- BellSouth shall not be required to unbundle local circuit switching for ITC^DeltaCom for a particular End User when ITC^DeltaCom (1) serves an End User with four (4) or more voice-grade (DS0) equivalents or lines served by BellSouth in Zone 1 of the following MSAs Atlanta, GA, Miami, FL, Orlando, FL, Ft Lauderdale, FL, Charlotte-Gastonia-Rock Hill, NC, Greensboro-Winston Salem-High Point, NC, Nashville, TN, and New Orleans, LA, or (2) serves an End User with a DS1 or higher capacity Loop in any service area covered by this Agreement To the extent that ITC^DeltaCom is serving any End User as described in (2) of this Section 4 1 1 as of the Effective Date of this Agreement, such End User's arrangement may not remain in place and such Arrangement must be terminated by ITC^DeltaCom or transitioned by ITC^DeltaCom, or BellSouth shall disconnect such Arrangements upon thirty (30) days notice
- 4 2 <u>Transition for Local Switching</u>
- For purposes of this Section 4, the Transition Period for the Embedded Base of Local Switching is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006

- For the purposes of this Section 4, Embedded Base shall mean Local Switching and any additional elements that are required to be provided in conjunction therewith that were in service for ITC^DeltaCom as of March 10, 2005

 Subsequent disconnects or loss of End Users shall be removed from the Embedded Base
- During the Transition Period only, BellSouth shall make Local Switching available for the Embedded Base, in addition to all elements that are required to be provided in conjunction with Local Switching, at the rates, terms and conditions set forth in this Attachment The Transition Period shall apply only to ITC^DeltaCom's Embedded Base and ITC^DeltaCom shall not place new orders for Local Switching pursuant to this Agreement
- Notwithstanding the Effective Date of this Agreement, the rates for ITC^DeltaCom's Embedded Base of Local Switching during the Transition Period shall be as set forth in Exhibit A BellSouth shall bill to ITC^DeltaCom the amount owed for the Embedded Base of Local Switching for the period from March 11, 2005 to the Effective Date, and ITC^DeltaCom shall pay such amount according to payment processes set forth in Attachment 7 of this Agreement
- 4 2 5 ITC^DeltaCom must submit orders, to disconnect or convert all of its Embedded Base of Local Switching to other BellSouth services as Conversions pursuant to Section 1 6 above by December 1, 2005
- 4 2 5 1 If ITC^DeltaCom fails to submit orders to disconnect or convert all of its Embedded Base of Local Switching as specified in Section 4 2 5 above prior to December 1, 2005, BellSouth will identify ITC^DeltaCom's remaining Embedded Base of Local Switching and will disconnect such Local Switching Those circuits identified and disconnected by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement
- 4 2 6 Effective March 11, 2006, Local Switching will no longer be made available pursuant to this Agreement
- 4 3 <u>Local Switching Capability, including Tandem Switching Capability</u>
- Local Switching capability is defined as all line-side and trunk-side facilities, plus the features, functions, and capabilities of the switch. The features, functions, and capabilities of the switch shall include the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks. Local Switching includes all vertical features that the switch is capable of providing, including custom calling, custom local area signaling service features, and Centrex, as well as any technically feasible customized routing functions

- Unbundled local switching consists of three (3) separate components Unbundled Ports, End Office Switching Functionality, and End Office Interoffice Trunk Ports
- Unbundled Local Switching combined with Common Transport and, if necessary, Tandem Switching provides to ITC^DeltaCom's End User local calling and the ability to presubscribe to a primary carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service
- Provided that ITC^DeltaCom has unbundled Local Switching from BellSouth and uses the BellSouth Carrier Identification Code (CIC) for its End Users' Local Preferred Interexchange Carrier (LPIC) or if a BellSouth local End User selects BellSouth as its LPIC, then the Parties will consider as local any calls originated by a ITC^DeltaCom local End User, or originated by a BellSouth local End User and terminated to a ITC^DeltaCom local End User, where such calls originate and terminate in the same LATA, except for those calls originated and terminated through switched access arrangements (i.e., calls that are transported by a Party other than BellSouth) For such calls, BellSouth will charge ITC^DeltaCom the Network Elements for the BellSouth facilities utilized Neither Party shall bill the other originating or terminating switched access charges for such calls Intercarrier compensation for local calls between BellSouth and ITC^DeltaCom shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's Interconnection Web site www interconnection bellsouth com/products/docs
- Where ITC^DeltaCom has unbundled Local Switching from BellSouth but does not use the BellSouth CIC for its End Users' LPIC, BellSouth will consider as local those direct dialed telephone calls that originate from a ITC^DeltaCom End User and terminate within the basic local calling area or within the extended local calling areas and that are dialed using seven (7) or ten (10) digits as defined and specified in Section A3 of BellSouth's GSST—For such local calls, BellSouth will charge ITC^DeltaCom the Network Elements for the BellSouth facilities utilized Intercarrier compensation for local calls between BellSouth and ITC^DeltaCom shall be as described in BellSouth's UNE Local Call Flows set forth on BellSouth's Interconnection Web site at www interconnection bellsouth com/products/docs
- For any calls that originate and terminate through switched access arrangements (i.e., calls that are transported by a party other than BellSouth), BellSouth shall bill ITC^DeltaCom the Network Elements for the BellSouth facilities utilized Each Party may bill the toll provider originating or terminating switched access charges as appropriate
- Unbundled Ports may or may not include individual features Where applicable and available, non-switch-based services may be ordered with the Unbundled Port at BellSouth's retail rates

438 Any features that are not currently available but are technically feasible through the switch can be requested through the BFR/NBR Process as set forth in Attachment 11 439 BellSouth will provide to ITC^DeltaCom selective routing of calls to a requested Operator System platform pursuant to this Agreement Any other routing requests by ITC^DeltaCom will be made pursuant to the BFR/NBR Process as set forth in Attachment 11 4310 BellSouth shall perform routine testing (e g, Mechanized Loop Tests (MLT) and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule 4311 BellSouth shall control congestion points such as those caused by radio station call-ins and network routing abnormalities All traffic shall be restricted in a nondiscriminatory manner 4312 BellSouth shall perform manual call trace and permit customer originated call trace BellSouth shall provide Switching Service Point (SSP) capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch (STPS) These capabilities shall adhere to the technical specifications set forth in the applicable industry standard technical references 4313 BellSouth shall provide interfaces to adjuncts through Telcordia standard interfaces These adjuncts can include, but are not limited to, the Service Circuit Node and Automatic Call Distributors BellSouth shall offer to ITC^DeltaCom all Advanced Intelligent Network (AIN) triggers in connection with its Service Creation Environment and Service Management System (SCE/SMS) offering 4314 BellSouth shall provide access to SS7 Signaling Network or Multi-Frequency trunking if requested by ITC^DeltaCom 4 3 15 BellSouth shall provide the following Local Switching interfaces 43151 Standard Tip/Ring interface including loopstart or groundstart, on-hook signaling (e g, for calling number, calling name and message waiting lamp), 43152 Coin phone signaling, 4 3 15 3 Basic Rate Interface ISDN adhering to appropriate Telcordia Technical Requirements, 4 3 15 4 2-wire analog interface to PBX, 4 3 15 5 4-wire analog interface to PBX, and

43156 Loops adhering to Telcordia TR-NWT-08 and TR-NWT-303 specifications to interconnect Digital Loop Carriers 4316 ITC^DeltaCom shall maintain the individual telephone number and the correct corresponding address/location data, including maintaining the End User listed address as the actual physical End User location in the E911 ALI Database 4317 ITC^DeltaCom will be responsible and liable for any errors resulting from the submission of invalid telephone number and address/location data for the ITC^DeltaCom's End Users 44 Common (Shared) Transport 441 Common (Shared) Transport, defined as transmission facilities shared by more than one carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches, in BellSouth's network Where BellSouth Network Elements are connected by intraoffice wiring, such wiring is provided as part of the Network Element and is not Common (Shared) Transport 442 Notwithstanding any other provision of this Agreement, BellSouth will only provide unbundled access to Common (Shared) Transport to the extent BellSouth is required to provide and is providing Local Switching to ITC^DeltaCom 443 Technical Requirements of Common (Shared) Transport 4431 Common (Shared) Transport provided on DS1, DS3, and STS-1 circuits shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Central Office to Central Office (CO to CO) connections in the applicable industry standards 4432 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport 4433 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the applicable industry standards 45 Tandem Switching 451 The Tandem Switching capability Network Element is defined as (1) trunk-connect facilities, which include, but are not limited to, the connection between trunk termination at a cross-connect panel and switch trunk card, (ii) the basic switch trunk function of connecting trunks to trunks, and (iii) the functions that are centralized in the Tandem Switches (as distinguished from separate end

office switches), including but not limited to call recording, the routing of calls to operator services and signaling conversion features

452 Where ITC^DeltaCom utilizes portions of the BellSouth network in originating or terminating traffic, the Tandem Switching rates are applied in call scenarios where the Tandem Switching Network Element has been utilized Because switch recordings cannot accurately indicate on a per call basis when the Tandem Switching Network Element has been utilized for an interoffice call originating from a UNE port and terminating to a BellSouth, ICO or Facility-Based CLEC office, BellSouth has developed, based upon call studies, a melded rate that takes into account the average percentage of calls that utilize Tandem Switching in these scenarios BellSouth shall apply the melded Tandem Switching rate for every call in these scenarios BellSouth shall utilize the melded Tandem Switching Rate until BellSouth has the capability to measure actual Tandem Switch usage in each call scenario specifically mentioned above, at which point the rate for the actual Tandem Switch usage shall apply The UNE Local Call Flows set forth on BellSouth's Interconnection Web site www interconnection bellsouth com/products/docs, illustrate when the full or melded Tandem Switching rates apply for specific scenarios

4 5 3 <u>Technical Requirements</u>

- Tandem Switching shall have the same capabilities or equivalent capabilities as those described in Telcordia TR-TSY-000540 Issue 2R2, Tandem Supplement, June 1, 1990 The requirements for Tandem Switching include but are not limited to the following
- 4 5 3 1 1 Tandem Switching shall provide signaling to establish a tandem connection,
- 4 5 3 1 2 Tandem Switching will provide screening as jointly agreed to by ITC^DeltaCom and BellSouth,
- Where applicable, Tandem Switching shall provide AIN triggers supporting AIN features where such routing is not available from the originating end office switch, to the extent such Tandem switch has such capability,
- Where applicable, Tandem Switching shall provide access to Toll Free number database,
- Tandem Switching shall provide connectivity to Public Safety Answering Point (PSAP)s where 911 solutions are deployed and the tandem is used for 911, and
- Where appropriate, Tandem Switching shall provide connectivity for the purpose of routing transit traffic to and from other carriers

4532 BellSouth may perform testing and fault isolation on the underlying switch that is providing Tandem Switching Such testing shall be testing routinely performed by BellSouth The results and reports of the testing shall be made available to ITC^DeltaCom 4533 BellSouth shall control congestion points and network abnormalities All traffic will be restricted in a non-discriminatory manner 4534 Tandem Switching shall process originating toll free traffic received from ITC^DeltaCom's local switch 4535 In support of AIN triggers and features, Tandem Switching shall provide SSP capabilities when these capabilities are not available from the Local Switching Network Element to the extent such Tandem Switch has such capability 454 Upon ITC^DeltaCom's purchase of overflow trunk groups, Tandem Switching shall provide an alternate routing pattern for ITC^DeltaCom's traffic overflowing from direct end office high usage trunk groups 46 Remote Call Forwarding (URCF) 461 As an option, BellSouth shall make available to ITC^DeltaCom an unbundled port with Remote Call Forwarding capability URCF service combines the functionality of unbundled Local Switching, Tandem Switching and common transport to forward calls from the URCF service telephone number (the number dialed by the calling party) to another telephone number selected by the URCF service subscriber ITC^DeltaCom must ensure that the following conditions are satisfied 4611 the End User of the forward-to number (service) agrees to receive calls forwarded using the URCF service (if such End User is different from the URCF service End User), 4612 the forward-to number (service) is equipped with sufficient capacity to receive the volume of calls that will be generated from the URCF service. 4613 the URCF service will not be utilized to forward calls to another URCF or similar service, and 4614 the forward-to number (service) is not a public safety number (e.g., 911, fire or police number) 462 In addition to the charge for the URCF service port, BellSouth shall charge ITC^DeltaCom the rates set forth in Exhibit A for unbundled Local Switching, Tandem Switching, and Common Transport, including all associated usage incurred for calls from the URCF service telephone number (the number dialed by the calling party) to the forward-to number (service)

- 47 AIN Selective Carrier Routing for OS, DA and Repair Centers
- Where BellSouth provides Local Switching to ITC^DeltaCom, BellSouth will provide AIN Selective Carrier Routing (AIN SCR) at the request of ITC^DeltaCom AIN SCR will provide ITC^DeltaCom with the capability of routing operator calls, 0+ and 0- and 0+ NPA Local Numbering Plan Area (LNPA), 555-1212 directory assistance, 1+411 directory assistance and 611 repair center calls to pre-selected destinations
- ITC^DeltaCom shall order AIN SCR through its Account Team and/or Local Contract Manager AIN SCR must first be established regionally and then on a per central office per state basis
- 4 7 3 AIN SCR is not available in DMS 10 switches
- Where AIN SCR is utilized by ITC^DeltaCom, the routing of ITC^DeltaCom's End User calls shall be pursuant to information provided by ITC^DeltaCom and stored in BellSouth's AIN SCR Service Control Point database. AIN SCR shall utilize a set of Line Class Codes (LCCs) unique to a basic class of service assigned on an "as needed" basis. The same LCCs will be assigned in each central office where AIN SCR is established.
- Upon ordering AIN SCR Regional Service, ITC^DeltaCom shall remit to BellSouth the nonrecurring Regional Service Order charge set forth in Exhibit A There shall be a nonrecurring End Office Establishment Charge as set forth in Exhibit A, per office, due at the addition of each central office where AIN SCR will be utilized For each ITC^DeltaCom End User activated, there shall be a nonrecurring End User Establishment charge as set forth in Exhibit A ITC^DeltaCom shall pay the AIN SCR Per Query Charge set forth in Exhibit A
- This nonrecurring Regional Service Order charge will be non-refundable and will be paid with one half due up-front with the submission of all fully completed required forms including Regional SCR Order Request-Form A, Central Office AIN SCR Order Request Form B, AIN SCR Central Office Identification Form Form C, AIN SCR Routing Options Selection Form Form D, and Routing Combinations Table Form E BellSouth has thirty (30) days to respond to ITC^DeltaCom's fully completed firm order as a Regional Service Order With the delivery of this firm order response to ITC^DeltaCom, BellSouth considers that the delivery schedule of this service commences The remaining half of the nonrecurring Regional Service Order payment must be paid when at least ninety percent (90%) of the Central Offices listed on the original order have been turned up for the service
- The nonrecurring End Office Establishment charge will be billed to ITC^DeltaCom following BellSouth's normal monthly billing cycle for this type of order

478 End-User Establishment Orders will not be turned-up until the second payment is received for the Regional Service Order The nonrecurring End Office Establishment charges will be billed to ITC^DeltaCom following BellSouth's normal monthly billing cycle for this type of order 479 Additionally, the AIN SCR Per Query Charge will be billed to ITC^DeltaCom following the normal billing cycle for per query charges 4710 All other network components needed, (1 e, unbundled switching, unbundled local transport, etc) will be billed per contracted rates 48 Selective Call Routing Using Line Class Codes (SCR-LCC) 481 Where ITC^DeltaCom has purchased unbundled Local Switching from BellSouth and utilizes an operator services provider other than BellSouth, BellSouth will route ITC^DeltaCom's End User calls to that provider through Selective Call Routing 482 SCR-LCC provides the capability for ITC^DeltaCom to have its Operator Call Processing/Directory Assistance (OCP/DA) calls routed to BellSouth's OCP/DA platform for BellSouth provided Custom Branded or Unbranded OCP/DA or to its own or an alternate OCP/DA platform for Self-Branded OCP/DA SCR-LCC is only available if capacity is available in the requested BellSouth end office switches 483 Custom Branding for DA is not available for certain classes of service, including but not limited to Hotel/Motel services, WATS service, and certain PBX services 484 Where available, ITC^DeltaCom specific and unique LCCs are programmed in each BellSouth end office switch where ITC^DeltaCom intends to serve End Users with customized OCP/DA branding The LCCs specifically identify ITC^DeltaCom's End Users so OCP/DA calls can be routed over the appropriate trunk group to the requested OCP/DA platform Additional LCCs are required in each end office if the end office serves multiple NPAs (i e, a unique LCC is required per NPA), and/or if the end office switch serves multiple rate areas and ITC^DeltaCom intends to provide ITC^DeltaCom -branded OCP/DA to its End Users in these multiple rate areas 485 SCR-LCC supporting Custom Branding and Self Branding require ITC^DeltaCom to order dedicated trunking from each BellSouth end office identified by ITC^DeltaCom, either to the BellSouth TOPS for Custom Branding or to the ITC^DeltaCom Operator Service Provider for Self Branding Separate trunk groups are required for Operator Services and for DA Rates for trunks are set

forth in applicable BellSouth's FCC No 1 Tariff

- Unbranding Unbranded DA and/or OCP calls ride common trunk groups provisioned by BellSouth from those end offices identified by ITC^DeltaCom to the BellSouth TOPS
- The rates for SCR-LCC are as set forth in Exhibit A. There is a nonrecurring charge for the establishment of each LCC in each BellSouth central office. Furthermore, for Unbranded and Custom Branded OCP/DA provided by BellSouth Operator Services with unbundled ports and unbundled port/loop switch combinations, monthly recurring usage charges shall apply for the UNEs necessary to provide the service, such as end office and tandem switching and common transport. A flat rated end office switching charge shall apply to Self-Branded OCP/DA when used in conjunction with unbundled ports and unbundled port/loop switch combinations.

5 Unbundled Network Element Combinations

- For purposes of this Section, references to "Currently Combined" Network Elements shall mean that the particular Network Elements requested by ITC^DeltaCom are in fact already combined by BellSouth in the BellSouth network References to "Ordinarily Combined" Network Elements shall mean that the particular Network Elements requested by ITC^DeltaCom are not already combined by BellSouth in the location requested by ITC^DeltaCom but are elements that are typically combined in BellSouth's network References to "Not Typically Combined" Network Elements shall mean that the particular Network Elements requested by ITC^DeltaCom are not elements that BellSouth combines for its use in its network
- Except as otherwise set forth in this Agreement, upon request, BellSouth shall perform the functions necessary to combine Network Elements that BellSouth is required to provide under this Agreement in any manner, even if those elements are not ordinarily combined in BellSouth's network, provided that such Combination is technically feasible and will not undermine the ability of other carriers to obtain access to Network Elements or to interconnect with BellSouth's network
- To the extent ITC^DeltaCom requests a Combination for which BellSouth does not have methods and procedures in place to provide such Combination, rates and/or methods or procedures for such Combination will be developed pursuant to the BFR process
- 5 2 Rates
- The rates for the Currently Combined Network Elements specifically set forth in Exhibit A shall be the rates associated with such Combinations Where a Currently Combined Combination is not specifically set forth in Exhibit A, the rate for such

Currently Combined Combination shall be the sum of the recurring rates for those individual Network Elements as set forth in Exhibit A and/or Exhibit B in addition to the applicable nonrecurring switch-as-is charge set forth in Exhibit A

- The rates for the Ordinarily Combined Network Elements specifically set forth in Exhibit A shall be the nonrecurring and recurring charges for those Combinations Where an Ordinarily Combined Combination is not specifically set forth in Exhibit A, the rate for such Ordinarily Combined Combination shall be the sum of the recurring rates for those individual Network Elements as set forth in Exhibit A and/or Exhibit B and nonrecurring rates for those individual Network Elements as set forth in Exhibit A
- The rates for Not Typically Combined Combinations shall be developed pursuant to the BFR process upon request of ITC^DeltaCom
- 5 3 Enhanced Extended Links (EELs)
- EELs are combinations of Loops and Dedicated Transport as defined in this Attachment, together with any facilities, equipment, or functions necessary to combine those Network Elements BellSouth shall provide ITC^DeltaCom with EELs where the underlying Network Element are available and are required to be provided pursuant to this Agreement and in all instances where the requesting carrier meets the eligibility requirements, if applicable
- High-capacity EELs are (1) combinations of Loop and Dedicated Transport, (2)
 Dedicated Transport commingled with a wholesale loop, or (3) a loop commingled with wholesale transport at the DS1 and/or DS3 level as described in 47 C F R § 51 318(b)
- By placing an order for a high-capacity EEL, ITC^DeltaCom thereby certifies that the service eligibility criteria set forth herein are met for access to a converted high-capacity EEL, a new high-capacity EEL, or part of a high-capacity commingled EEL as a UNE BellSouth shall have the right to audit ITC^DeltaCom's high-capacity EELs as specified below
- 5 3 4 <u>Service Eligibility Criteria</u>
- High capacity EELs must comply with the following service eligibility requirements ITC^DeltaCom must certify for each high-capacity EEL that all of the following service eligibility criteria are met
- 5 3 4 1 1 ITC^DeltaCom has received state certification to provide local voice service in the area being served,

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- For each combined circuit, including each DS1 circuit, each DS1 EEL, and each DS1-equivalent circuit on a DS3 EEL:
- 5.3.4.2.1 1) Each circuit to be provided to each End User will be assigned a local number prior to the provision of service over that circuit;
- 5.3.4.2.2 2) Each DS1-equivalent circuit on a DS3 EEL must have its own local number assignment so that each DS3 must have at least twenty-eight (28) local voice numbers assigned to it;
- 5.3.4.2.3 3) Each circuit to be provided to each End User will have 911 or E911 capability prior to provision of service over that circuit;
- 4) Each circuit to be provided to each End User will terminate in a collocation arrangement that meets the requirements of 47 C.F.R. § 51.318(c);
- 5.3.4.2.5 5) Each circuit to be provided to each End User will be served by an interconnection trunk over which ITC^DeltaCom will transmit the calling party's number in connection with calls exchanged over the trunk;
- 5.3.4.2.6 6) For each twenty-four (24) DS1 EELs or other facilities having equivalent capacity, ITC^DeltaCom will have at least one (1) active DS1 local service interconnection trunk over which ITC^DeltaCom will transmit the calling party's number in connection with calls exchanged over the trunk; and
- 5.3.4.2.7 7) Each circuit to be provided to each End User will be served by a switch capable of switching local voice traffic.
- 5.3.4.3 BellSouth may, on an annual basis, audit ITC^DeltaCom's records in order to verify compliance with the qualifying service eligibility criteria. The audit shall be conducted by a third party independent auditor, and the audit must be performed in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA). To the extent the independent auditor's report concludes that ITC^DeltaCom failed to comply with the service eligibility criteria. ITC^DeltaCom must true-up any difference in payments, convert all noncompliant circuits to the appropriate service, and make the correct payments on a goingforward basis. In the event the auditor's report concludes that ITC^DeltaCom did not comply in any material respect with the service eligibility criteria, ITC^DeltaCom shall reimburse BellSouth for the cost of the independent auditor. To the extent the auditor's report concludes that ITC^DeltaCom did comply in all material respects with the service eligibility criteria, BellSouth will reimburse ITC^DeltaCom for its reasonable and demonstrable costs associated with the audit. ITC^DeltaCom will maintain appropriate documentation to support its certifications.

- Notwithstanding the foregoing, if as of the Effective Date of this Agreement, ITC^DeltaCom has in place high-capacity EELs that do not comply with the Service Eligibility Criteria set forth herein, and that will not be rearranged pursuant to Section 5.3.5 below, ITC^DeltaCom shall identify such EELs and submit orders to either disconnect such EELs or convert such EELs within sixty (60) days of the Effective Date. If as of the Effective Date ITC^DeltaCom has in place high-capacity EELs that do not comply with the Service Eligibility Criteria but that will be rearranged pursuant to Section 5.3.5 below, ITC^DeltaCom shall have 60 days from the placement of such rearrangement orders to rearrange such non-compliant EELs, so long as the orders are placed within 30 days of the date BellSouth makes available to ITC^DeltaCom the process and procedures to place such rearrangement orders. To the extent any non-compliant EELs remain in place after the time periods set forth in this Section, BellSouth shall have the right to take such action as set forth in Section 5.3.4.3 above.
- 5.3.4.4 In the event ITC^DeltaCom converts special access services to UNEs, ITC^DeltaCom shall be subject to the termination liability provisions in the applicable special access tariffs, if any.
- 5.3.5 EEL to DS1 Loop Rearrangements
- 5.3.5.1 ITC^DeltaCom may submit orders to disconnect an EEL circuit, including the Dedicated Transport portion of the EEL, and reconnect the Loop in a collocation space in the End User Serving Wire Center ("EEL to DS1 Rearrangement"). The non-recurring charge (NRC) for each EEL to DS1 Loop Rearrangement shall be \$128 per DS1 Loop per LSR for the initial EEL to DS1 Rearrangement, and \$77 per DS1 Loop per LSR for each additional EEL to DS1 Rearrangement. OSS charges, and EEL Disconnect non-recurring charges, as set forth in Exhibit A hereto, and Cross Connect non-recurring charges, as set forth in Attachment 4 to this Agreement, are applicable in addition to the EEL to DS1 Rearrangement non-recurring charges set forth herein.
- BellSouth shall make available processes and procedures to implement EEL to DS1 Rearrangements by the later of the Effective Date or November 15, 2005. BellSouth will use best efforts to complete such orders within a thirty (30) day interval, depending upon workload and receipt of correct ordering information from ITC^DeltaCom via spreadsheets. BellSouth shall provide project management support for EEL to DS1 Rearrangements.
- 5.3.6 Commingled EELs
- 5.3.6.1 Notwithstanding anything in this Agreement to the contrary, ITC^DeltaCom may, at its option, purchase high-capacity commingled EELs terminating to the 25

identified BellSouth/ITC^DeltaCom points of interconnection on ITC^DeltaCom's network, as forth in Exhibit C to this Attachment ("Existing POIs"). The final portion of the EEL circuit that terminates in the Existing POI must be a BellSouth special access circuit and cannot be purchased as Dedicated Transport pursuant to this Agreement.

- BellSouth is not required to locate switching equipment at the Existing POIs, and to the extent that BellSouth does not locate switching equipment at an Existing POI, BellSouth shall not provide Dedicated Transport as a Network Element to such existing POI. No other carrier shall have access to the Existing POIs to obtain Network Elements or commingled EELs.
- 5.3.6.3 BellSouth may place equipment at the Existing POIs, or may maintain at such Existing POIs equipment previously placed consistent with Attachment 3 of this Agreement. BellSouth shall not be responsible to ITC^DeltaCom for any collocation or other charges for any such equipment placed at the Existing POIs.
- 5.4 <u>UNE-P</u>
- DS0 Local Switching, as defined in Section 4 above, in combination with a Loop and Common (Shared) Transport as defined in Section 4.4 above (UNE-P) provides local exchange service for the origination or termination of calls. UNE-P supports the same local calling and feature requirements as described in the Local Switching section of this Attachment and the ability to presubscribe to a primary carrier for intraLATA toll service and/or to presubscribe to a primary carrier for interLATA toll service.
- 5.4.2 Notwithstanding anything to the contrary in this Agreement, BellSouth is not required to provide UNE-P pursuant to this Agreement except as set forth in this Section 5.4.
- 5.4.3 Transition Period for UNE-P
- 5.4.3.1 For purposes of this Section 5.4, the Transition Period for UNE-P is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.
- 5.4.3.2 For the purposes of this Section 5.4, Embedded Base shall mean UNE-P and any additional elements that are required to be provided in conjunction therewith that were in service for ITC^DeltaCom as of March 10, 2005. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- During the Transition Period only, BellSouth shall make UNE-P available for the Embedded Base, in addition to all elements that are required to be provided in conjunction with UNE-P, at the rates, terms and conditions set forth in this Attachment. The Transition Period shall apply only to ITC^DeltaCom's

Embedded Base and ITC^DeltaCom shall not place new orders for UNE-P pursuant to this Agreement.

- 5.4.3.4 Notwithstanding the Effective Date of this Agreement, the rates for ITC^DeltaCom's Embedded Base of UNE-P during the Transition Period shall be as set forth in Exhibit A. BellSouth shall bill to ITC^DeltaCom the amount owed for the Embedded Base of UNE-P for the period from March 11, 2005 to the Effective Date, and ITC^DeltaCom shall pay such amount according to payment processes set forth in Attachment 7 of this Agreement.
- 5.4.3.5 ITC^DeltaCom will provide to BellSouth via spreadsheet, no later than December 1, 2005, information regarding any remaining conversions of UNE-P to UNE-L, including but not limited to identification of UNE-P lines remaining, the time frame within which such lines are to be converted, whether the remaining lines will be disconnected or converted to alternative BellSouth services, as identified by ITC^DeltaCom in the spreadsheet. To the extent ITC^DeltaCom intends to convert UNE-P lines to UNE-L, ITC^DeltaCom will utilize the Bulk Migration process set forth in Section 2.1.12.1.
- 5.4.3.5.1 If ITC^DeltaCom fails to submit such spreadsheet as identified in Section 5.4.3.5 by December 1, 2005, BellSouth will identify ITC^DeltaCom's remaining Embedded Base of UNE-P and will transition such UNE-P to resold BellSouth telecommunication services, as set forth in Attachment 1, unless otherwise mutually agreed upon by the Parties. Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of such BellSouth services as set forth in BellSouth's tariffs. The applicable recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or March 11, 2006.
- In the states of Georgia, and Louisiana, to the extent any UNE-P lines in ITC^DeltaCom's Embedded Base of UNE-P carry Digital Subscriber Line (DSL) service provided in whole or in part by BellSouth, either as a wholesale service pursuant to BellSouth's FCC tariff for DSL transport or as the BellSouth FastAccess® Internet access service offered on a retail basis, the Parties agree that such lines shall be converted to resold services on or before March 11, 2006. ITC^DeltaCom will identify via the spreadsheet described in Section 5.4.3.5 above those UNE-P lines carrying DSL service, and the Parties will work cooperatively to ensure that all such lines are converted to resold services before March 11, 2006. To the extent such lines are not converted by March 11, 2006, the ITC^DeltaCom End User is subject to losing its DSL service provided over the UNE-P line.
- 5.4.3.5.3 Effective March 11, 2006, UNE-P will no longer be made available pursuant to this Agreement.

- 5.4.3.5.4 BellSouth shall make 911 updates in the BellSouth 911 database for ITC^DeltaCom's UNE-P. BellSouth will not bill ITC^DeltaCom for 911 surcharges. ITC^DeltaCom is responsible for paying all 911 surcharges to the applicable governmental agency.
- 5.5 <u>Intercarrier Compensation</u>
- 5.5.1 Intercarrier compensation for seven (7) or ten (10) digit dialed calls originated by ITC^DeltaCom utilizing Local Switching shall apply as follows:
- 5.5.2 For calls terminating to a BellSouth End User or to an End User served by BellSouth resold services, BellSouth shall charge ITC^DeltaCom for End Office Switching as set forth in Exhibit A at the terminating end office.
- 5.5.3 For calls terminating to a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall charge ITC^DeltaCom for End Office Switching as set forth in Exhibit A at the terminating end office. BellSouth will not charge the terminating CLEC for End Office Switching as set forth in Exhibit A at the terminating end office.
- 5.5.3.1 For calls terminating to third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, ITC^DeltaCom is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. If ITC^DeltaCom does not have such an agreement with a third party carrier and BellSouth is charged termination charges by a third party terminating a call originated by ITC^DeltaCom, or if such third party carrier bills BellSouth for terminating such calls, despite the existence of such an agreement, then BellSouth may, at its option:
- pay such charges as billed by the third party carrier and charge End Office Switching as set forth in Exhibit A to ITC^DeltaCom for each such call; or
- 5.5.3.1.2 pay such charges as billed by the third party carrier and ITC^DeltaCom will reimburse the full amount of such charges within thirty (30) days of BellSouth's request for reimbursement.
- 5.5.3.2 Intercarrier compensation for seven (7) or ten (10) digit dialed calls terminating to ITC^DeltaCom utilizing Local Switching shall apply as follows:
- 5.5.3.2.1 For calls originated by a BellSouth End User or by an End User served by resold BellSouth services, BellSouth shall not charge ITC^DeltaCom for End Office Switching at the terminating end office for use of the network component; therefore, ITC^DeltaCom shall not charge BellSouth intercarrier compensation or any other charges for termination of such calls.

- 5.5.3.2.2 For calls originated by a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall not charge ITC^DeltaCom for End Office Switching at the terminating end office for use of the network component; therefore, ITC^DeltaCom shall not charge the originating CLEC or BellSouth intercarrier compensation or any other charges for termination of such calls.
- 5.5.3.2.3 For calls originated by third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, ITC^DeltaCom is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. ITC^DeltaCom may bill the third parties according to such agreements and shall not bill BellSouth for the exchange of traffic through BellSouth's network.
- 5.5.3.3 Intercarrier compensation shall apply as follows for intralata 1+ dialed calls originated by ITC^DeltaCom utilizing Local Switching where ITC^DeltaCom uses BellSouth's CIC for its End User's LPIC:
- 5.5.3.3.1 For calls terminating to a BellSouth End User or to an End User served by BellSouth resold services, BellSouth shall charge ITC^DeltaCom for End Office Switching as set forth in Exhibit A at the terminating end office.
- 5.5.3.3.2 For calls terminating to a CLEC where such CLEC is utilizing a BellSouth switch port or port/loop combination to provide service to its End User, BellSouth shall charge ITC^DeltaCom for End Office Switching as set forth in Exhibit A at the terminating end office. BellSouth will not charge the terminating CLEC for End Office Switching at the terminating end office. In the event that BellSouth is charged termination charges by the CLEC, BellSouth may pay such charges and ITC^DeltaCom will reimburse BellSouth the full amount of such charges within thirty (30) days following BellSouth's request for reimbursement.
- 5.5.3.3.3 For calls terminating to third party carriers, such as CLECs, wireless carriers and independent companies, utilizing their own switches to serve their End Users, ITC^DeltaCom is required to enter into interconnection or traffic exchange agreements with such third parties for the exchange of traffic through BellSouth's network. If ITC^DeltaCom does not have such an agreement with a third party carrier and BellSouth is charged termination charges by a third party terminating a call originated by ITC^DeltaCom, or if such third party carrier bills BellSouth for terminating such calls, despite the existence of such an agreement, then BellSouth may, at its option:
- 5.5.3.3.3.1 pay such charges as billed by the third party carrier and charge End Office Switching as set forth in Exhibit A to ITC^DeltaCom for each such call; or

- 5.5.3.3.2 pay such charges as billed by the third party carrier and ITC^DeltaCom will reimburse BellSouth the full amount of such charges within thirty (30) days following BellSouth's request for reimbursement.
- 5.5.3.4 Intercarrier compensation shall apply as follows for intralata 1+ dialed calls terminating to ITC^DeltaCom utilizing Local Switching where the originating carrier uses BellSouth's CIC for its End User's LPIC:
- 5.5.3.4.1 For calls originated by a BellSouth End User or by an End User served by BellSouth resold service, BellSouth shall charge ITC^DeltaCom for End Office Switching as set forth in Exhibit A at the terminating end office for use of the End Office Switching network component in terminating such calls. ITC^DeltaCom may charge BellSouth for intercarrier compensation at the End Office Switching as set forth in Exhibit A for such calls. ITC^DeltaCom shall not charge originating or terminating switched access rates to BellSouth for termination of such calls.
- 5.5.3.5 For calls originated by or terminating to interexchange carriers through a switched access arrangement, ITC^DeltaCom may bill the interexchange carrier in accordance with ITC^DeltaCom's tariff and will not bill BellSouth any charges for such call. ITC^DeltaCom shall pay BellSouth applicable charges for the use of BellSouth's network in accordance with the rates set forth in Exhibit A for originating and terminating such calls.

6 Dedicated Transport and Dark Fiber Transport

- Dedicated Transport. Dedicated Transport is defined as BellSouth's transmission facilities between wire centers or switches owned by BellSouth, or between wire centers or switches owned by BellSouth and switches owned by ITC^DeltaCom, including but not limited to DS1, DS3 and OCn level services, as well as dark fiber, dedicated to ITC^DeltaCom. BellSouth shall not be required to provide access to OCn level Dedicated Transport under any circumstances pursuant to this Agreement. In addition, except as set forth in Section 6.2 below, BellSouth shall not be required to provide to ITC^DeltaCom unbundled access to interoffice transmission facilities that do not connect a pair of wire centers or switches owned by BellSouth ("Entrance Facilities").
- 6.2 <u>Transition for DS1 and DS3 Dedicated Transport Including DS1 and DS3</u> Entrance Facilities
- 6.2.1 For purposes of this Section 6.2, the Transition Period for the Embedded Base of DS1 and DS3 Dedicated Transport, Embedded Base Entrance Facilities and for Excess DS1 and DS3 Dedicated Transport, is the twelve (12) month period beginning March 11, 2005 and ending March 10, 2006.

- For purposes of this Section 6.2, Embedded Base means DS1 and DS3 Dedicated Transport that were in service for ITC^DeltaCom as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in Sections 6.2.6.1 or 6.2.6.2 below. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.
- For purposes of this Section 6, Embedded Base Entrance Facilities means Entrance Facilities that were in service for ITC^DeltaCom as of March 10, 2005.

 Subsequent disconnects or loss of customers shall be removed from the Embedded Base.
- 6.2.4 For purposes of this Section 6, Excess DS1 and DS3 Dedicated Transport means those ITC^DeltaCom DS1 and DS3 Dedicated Transport facilities in service as of March 10, 2005, in excess of the caps set forth in Section 6.6 below. Subsequent disconnects and loss of End Users shall be removed from Excess DS1 and DS3 Loops.
- 6.2.5 For purposes of this Section 6.2, a Business Line is as defined in 47 C.F.R. § 51.5.
- 6.2.6 Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Dedicated Transport as described in this Section 6.2 only for ITC^DeltaCom's Embedded Base during the Transition Period:
- 6.2.6.1 DS1 Dedicated Transport where both wire centers at the end points of the route contain 38,000 or more Business Lines or four (4) or more fiber-based collocators.
- 6.2.6.2 DS3 Dedicated Transport where both wire centers at the end points of the route contain 24,000 or more Business Lines or three (3) or more fiber-based collocators.
- 6.2.6.3 A list of wire centers meeting the criteria set forth in Sections 6.2.6.1 or 6.2.6.2 above as of March 10,2005, is set forth as Exhibit D hereto or as modified by a subsequent notification via BellSouth's web site (Initial Wire Center List).
- 6.2.6.4 Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Entrance Facilities only for ITC^DeltaCom's Embedded Base Entrance Facilities and only during the Transition Period.
- Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for ITC^DeltaCom's Embedded Base of DS1 and DS3 Dedicated Transport and for ITC^DeltaCom's Excess DS1 and DS3 Dedicated Transport, as described in this Section 6.2, shall be as set forth in Exhibit B, and the rates for ITC^DeltaCom's Embedded Base Entrance Facilities as described in this Section 6.2 shall be as set forth in Exhibit A. On or after December 1, 2005, BellSouth shall bill to ITC^DeltaCom the amount owed for the Embedded Base of DS1 and

DS3 Dedicated Transport, Excess DS1 and DS3 Dedicated Transport, and Embedded Base Entrance Facilities for the period from March 11, 2005 to the Effective Date, and ITC^DeltaCom shall pay such amount according to payment processes set forth in Attachment 7 of this Agreement.

- The Transition Period shall apply only to (1) ITC^DeltaCom's Embedded Base and Embedded Base Entrance Facilities; and (2) ITC^DeltaCom's Excess DS1 and DS3 Dedicated Transport. ITC^DeltaCom shall not add new Entrance Facilities pursuant to this Agreement. Further, ITC^DeltaCom shall not add new DS1 or DS3 Dedicated Transport as described in this Section 6.2 pursuant to this Agreement, except pursuant to the self-certification process as set forth in Section 1.8 above and as set forth in Section 6.2.6.10 below.
- 6.2.6.7 Once a wire center exceeds either of the thresholds set forth in Section 6.2.6.1 above, no future DS1 Dedicated Transport unbundling will be required in that wire center.
- Once a wire center exceeds either of the thresholds set forth in Section 6.2.6.2 above, no future DS3 Dedicated Transport will be required in that wire center.
- No later than December 9, 2005 ITC^DeltaCom shall submit spreadsheet(s) identifying all of the Embedded Base of circuits, Embedded Base Entrance Facilities, and Excess DS1 and DS3 Dedicated Transport to be either disconnected or converted pursuant to Section 1.6 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport. For circuits for which ITC^DeltaCom requests Conversion to tariffed wholesale services, BellSouth will not complete the Conversion until March 11, 2006, or later, and BellSouth will continue to bill ITC^DeltaCom at the transitional rates set forth in Section 6.2.6.5 until the circuit is converted to the tariffed wholesale service, which will occur on March 11, 2006, or later.
- 6.2.6.9.1 If ITC^DeltaCom fails to submit the spreadsheet(s) specified in Section 6.2.6.9 above for all of its Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport by February 10, 2006, BellSouth will identify ITC^DeltaCom's remaining Embedded Base, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 6.2.6.9.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 6.2.6.9.2 For Embedded Base circuits, Embedded Base Entrance Facilities and Excess DS1 and DS3 Dedicated Transport converted pursuant to Section 6.2.6.9 above or

transitioned pursuant to Section 6.2.6.9.1 above, the applicable recurring tariff charge shall apply to each circuit as of the date each circuit is converted or transitioned, as applicable.

- 6.2.6.10 <u>Modifications and Updates to the Wire Center List and Subsequent Transition Periods</u>
- 6.2.6.10.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Sections 6.2.6.1 or 6.2.6.2 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in CNL. Each such list of additional wire centers shall be considered a Subsequent Wire Center List.
- 6.2.6.10.2 Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to provide DS1 and DS3 Dedicated Transport, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1.8 above.
- 6.2.6.10.3 For purposes of Section 6.2.6.10 above, BellSouth shall make available DS1 and DS3 Dedicated Transport that was in service for ITC^DeltaCom in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 6.2.6.10.4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base.
- 6.2.6.10.5 The rates set forth in Exhibit B shall apply to the Subsequent Embedded Base during the Subsequent Transition Period.
- 6.2.6.10.6 No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List ITC^DeltaCom shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.
- 6.2.6.10.6.1 If ITC^DeltaCom fails to submit the spreadsheet(s) specified in Section 6.2.6.10.6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify ITC^DeltaCom's remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges

for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.

- 6.2.6.10.7 For Subsequent Embedded Base circuits converted pursuant to Section 6.2.6.10.6 above or transitioned pursuant to Section 6.2.6.10.6.1 above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period.
- 6.3 BellSouth shall:
- Provide ITC^DeltaCom exclusive use of Dedicated Transport to a particular customer or carrier;
- Provide all technically feasible features, functions, and capabilities of Dedicated Transport as outlined within the technical requirements of this section;
- 6.3.3 Permit, to the extent technically feasible, ITC^DeltaCom to connect Dedicated Transport to equipment designated by ITC^DeltaCom, including but not limited to, ITC^DeltaCom's collocated facilities; and
- Permit, to the extent technically feasible, ITC^DeltaCom to obtain the functionality provided by BellSouth's digital cross-connect systems.
- 6.4 BellSouth shall offer Dedicated Transport:
- 6.4.1 As capacity on a shared facility; and
- 6.4.2 As a circuit (i.e., DS0, DS1, DS3, STS-1) dedicated to ITC^DeltaCom.
- Dedicated Transport may be provided over facilities such as optical fiber, copper twisted pair, and coaxial cable, and shall include transmission equipment such as line terminating equipment, amplifiers, and regenerators.
- ITC^DeltaCom may obtain a maximum of (10) unbundled DS1 Dedicated Transport circuits, or their equivalent, on each route where DS3 Dedicated Transport is not available as a Network Element. ITC^DeltaCom may obtain a maximum of twelve (12) unbundled DS3 Dedicated Transport circuits, or their equivalent, on each route where DS3 Dedicated Transport is available as a Network Element. A route is defined as a transmission path between one (1) of BellSouth's wire centers or switches and another of BellSouth's wire centers or switches. A route between two (2) points may pass through one (1) or more intermediate wire centers or switches. Transmission paths between identical end points are the same "route", irrespective of whether they pass through the same intermediate wire centers or switches, if any.

6.7	Technical Requirements
6.7.1	BellSouth shall offer DS0 equivalent interface transmission rates for DS0 or voice grade Dedicated Transport. For DS1 or DS3 circuits, Dedicated Transport shall at a minimum meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office (CI to CO) connections in the applicable industry standards.
6.7.2	BellSouth shall offer the following interface transmission rates for Dedicated Transport:
6.7.2.1	DS0 Equivalent;
6.7.2.2	DS1;
6.7.2.3	DS3;
6.7.2.4	STS-1; and
6.7.2.5	SDH (Synchronous Digital Hierarchy) Standard interface rates are in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.
6.7.3	BellSouth shall design Dedicated Transport according to its network infrastructure. ITC^DeltaCom shall specify the termination points for Dedicated Transport.
6.7.4	At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry technical references and BellSouth Technical References;
6.7.4.1	Telcordia TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
6.7.4.2	BellSouth's TR 73501 LightGate®Service Interface and Performance Specifications, Issue D, June 1995.
6.7.4.3	BellSouth's TR 73525 MegaLink®Service, MegaLink Channel Service and MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.
6.8	Unbundled Channelization (Multiplexing)
6.8.1	To the extent ITC^DeltaCom is purchasing DS1 or DS3 or STS-1 Dedicated Transport pursuant to this Agreement, Unbundled Channelization (UC) provides the optional multiplexing capability that will allow a DS1 (1.544 Mbps) or DS3 (44.736 Mbps) or STS-1 (51.84 Mbps) Network Elements to be multiplexed or

channelized at a BellSouth central office. Channelization can be accomplished through the use of a multiplexer or a digital cross-connect system at the discretion of BellSouth. Once UC has been installed, ITC^DeltaCom may request channel activation on a channelized facility and BellSouth shall connect the requested facilities via COCIs. The COCI must be compatible with the lower capacity facility and ordered with the lower capacity facility. This service is available as defined in NECA 4.

- 6.8.2 BellSouth shall make available the following channelization systems and interfaces:
- 6.8.2.1 DS1 Channelization System: channelizes a DS1 signal into a maximum of twenty-four (24) DS0s. The following COCI are available: Voice Grade, Digital Data and ISDN.
- 6.8.2.2 DS3 Channelization System: channelizes a DS3 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 6.8.2.3 STS-1 Channelization System: channelizes a STS-1 signal into a maximum of twenty-eight (28) DS1s. A DS1 COCI is available with this system.
- 6.8.3 Technical Requirements. In order to assure proper operation with BellSouth provided central office multiplexing functionality, ITC^DeltaCom's channelization equipment must adhere strictly to form and protocol standards. ITC^DeltaCom must also adhere to such applicable industry standards for the multiplex channel bank, for voice frequency encoding, for various signaling schemes, and for sub rate digital access.
- 6.9 <u>Dark Fiber Transport.</u> Dark Fiber Transport is defined as Dedicated Transport that consists of unactivated optical interoffice transmission facilities without attached signal regeneration, multiplexing, aggregation or other electronics. Except as set forth in Section 6.9.1 below, BellSouth shall not be required to provide access to Dark Fiber Transport Entrance Facilities pursuant to this Agreement.
- 6.9.1 <u>Transition for Dark Fiber Transport and Dark Fiber Transport Entrance Facilities</u>
- 6.9.1.1 For purposes of this Section 6.9, the Transition Period for the Embedded Base of Dark Fiber Transport is the eighteen (18) month period beginning March 11, 2005 and ending September 10, 2006.
- 6.9.1.2 For purposes of this Section 6.9, Embedded Base means Dark Fiber Transport that was in service for ITC^DeltaCom as of March 10, 2005 in those wire centers that, as of such date, met the criteria set forth in 6.9.1.4.1 below. Subsequent disconnects or loss of End Users shall be removed from the Embedded Base.

- 6.9.1.3 For purposes of this Section 6.9, a Business Line is as defined in 47 C.F.R. § 51.5.
- Notwithstanding anything to the contrary in this Agreement, BellSouth shall make available Dark Fiber Transport as described in this Section 6.9 only for ITC^DeltaCom's Embedded Base during the Transition Period:
- Dark Fiber Transport where both wire centers at the end points of the route contain twenty-four thousand (24,000) or more Business Lines or three (3) or more fiber-based collocators.
- A list of wire centers meeting the criteria set forth in Section 6.9.1.4 above as of March 10, 2005, Intial Wire Center List is set forth in Exhibit D hereto or as modified by a subsequent notification via BellSouth's web site.
- Notwithstanding the Effective Date of this Agreement, during the Transition Period, the rates for ITC^DeltaCom's Embedded Base of Dark Fiber Transport as described in Section 6.9.1.2 above shall be as set forth in Exhibit B and the rates for ITC^DeltaCom's Embedded Base of Dark Fiber Transport Entrance Facilities as described in Section 6.9.1 above shall be as set forth in Exhibit A. On or after December 1, 2005, BellSouth shall bill to ITC^DeltaCom the amount owed for the Embedded Base of Dark Fiber Transport and the Embedded Base of Dark Fiber Transport Entrance Facilities for the period from March 11, 2005 to the Effective Date, and ITC^DeltaCom shall pay such amount according to payment processes set forth in Attachment 7 of this Agreement.
- 6.9.1.7 The Transition Period shall apply only to ITC^DeltaCom's Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities. ITC^DeltaCom shall not add new Dark Fiber Transport as described in this Section 6.9 except pursuant to the self-certification process as set forth in Section 1.8 above and as set forth in Section 6.9.1.10 below. Further, ITC^DeltaCom shall not add new Dark Fiber Entrance Facilities pursuant to this Agreement.
- 6.9.1.8 Once a wire center exceeds either of the thresholds set forth in this Section 6.9.1.4 above, no future Dark Fiber Transport unbundling will be required in that wire center.
- No later than June 10, 2006 ITC^DeltaCom shall submit spreadsheet(s) identifying all of the Embedded Base of Dark Fiber Transport and Dark Fiber Entrance Facilities to be either disconnected or converted to other BellSouth services as Conversions pursuant to Section 1.6 above. The Parties shall negotiate a project schedule for the Conversion of the Embedded Base.
- 6.9.1.9.1 If ITC^DeltaCom fails to submit the spreadsheet(s) specified in Section 6.9.1.9 above for all of its Embedded Base prior to June 10, 2006, BellSouth will identify ITC^DeltaCom's remaining Embedded Base, if any, and will transition such

circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth pursuant to this Section 6.9.1.9.1 shall be subject to all applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.

- 6.9.1.9.2 For Embedded Base circuits converted pursuant to Section 6.9.1.9 above or transitioned pursuant to Section 6.9.1.9.1 above, the applicable recurring tariff charge shall apply to each circuit as of the earlier of the date each circuit is converted or transitioned, as applicable, or September 11, 2006.
- 6.9.1.10 <u>Modifications and Updates to the Wire Center List and Subsequent Transition Periods</u>
- 6.9.1.10.1 In the event BellSouth identifies additional wire centers that meet the criteria set forth in Section 6.9.1.4.1 above, but that were not included in the Initial Wire Center List, BellSouth shall include such additional wire centers in a CNL. Each such list of additional wire centers shall be considered a "Subsequent Wire Center List".
- 6.9.1.10.2 Effective ten (10) business days after the date of a BellSouth CNL providing a Subsequent Wire Center List, BellSouth shall not be required to provide unbundled access to Dark Fiber Transport, as applicable, in such additional wire center(s), except pursuant to the self-certification process as set forth in Section 1.8 above.
- 6.9.1.10.3 For purposes of Section 6.9.1.10, BellSouth shall make available Dark Fiber Transport that was in service for ITC^DeltaCom in a wire center on the Subsequent Wire Center List as of the tenth (10th) business day after the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Embedded Base) until ninety (90) days after the tenth (10th) business day from the date of BellSouth's CNL identifying the Subsequent Wire Center List (Subsequent Transition Period).
- 6.9.1.10.4 Subsequent disconnects or loss of End Users shall be removed from the Subsequent Embedded Base.
- 6.9.1.10.5 The rates set forth in Exhibit B shall apply to the Subsequent Embedded Base during the Subsequent Transition Period.
- 6.9.1.10.6 No later than forty (40) days from BellSouth's CNL identifying the Subsequent Wire Center List ITC^DeltaCom shall submit a spreadsheet(s) identifying the Subsequent Embedded Base of circuits to be disconnected or converted to other BellSouth services. The Parties shall negotiate a project schedule for the Conversion of the Subsequent Embedded Base.

- 6.9.1.10.6.1 If ITC^DeltaCom fails to submit the spreadsheet(s) specified in Section 6.9.1.10.6 above for all of its Subsequent Embedded Base within forty (40) days after the date of BellSouth's CNL identifying the Subsequent Wire Center List, BellSouth will identify ITC^DeltaCom's remaining Subsequent Embedded Base, if any, and will transition such circuits to the equivalent tariffed BellSouth service(s). Those circuits identified and transitioned by BellSouth shall be subject to the applicable disconnect charges as set forth in this Agreement and the full nonrecurring charges for installation of the equivalent tariffed BellSouth service as set forth in BellSouth's tariffs.
- 6.9.1.10.6.2 For Subsequent Embedded Base circuits converted pursuant to Section 6.9.1.10.6 above or transitioned pursuant to Section 6.9.1.10.6.1 above, the applicable recurring tariff charges shall apply as of the earlier of the date each circuit is converted or transitioned, as applicable, or the first day after the end of the Subsequent Transition Period.

6.10 Rearrangements

- 6.10.1 A request to move a working ITC^DeltaCom CFA to another ITC^DeltaCom CFA, where both CFAs terminate in the same BellSouth Central Office (Change in CFA), shall not constitute the establishment of new service. The applicable rates set forth in Exhibit A.
- 6.10.2 Requests to re-terminate one end of a facility that is not a Change in CFA constitute the establishment of new service and require disconnection of existing service and the applicable rates set forth in Exhibit A shall apply.
- Upon request of ITC^DeltaCom, BellSouth shall project manage the Change in CFA or re-termination of a facility as described in Sections 6.10.1 and 6.10.2 above and ITC^DeltaCom may request OC-TS for such orders.
- 6.10.4 BellSouth shall accept a LOA between ITC^DeltaCom and another carrier that will allow ITC^DeltaCom to connect a facility, or Combination that includes Dedicated Transport to the other carrier's collocation space or to another carrier's CFA associated with higher bandwidth transport.
- 6.10.5 To the extent ITC^DeltaCom elects to rearrange a BellSouth multiplexer purchased pursuant to this Agreement to a BellSouth special access multiplexer terminating to an ITC^DeltaCom collocation space, BellSouth will charge the applicable DS3 multiplexing and circuit charges (e.g., the multiplexer installation charge and DS3 cross connect charge) as set forth in the BellSouth FCC tariff. For circuits purchased pursuant to this Agreement that may be attached to the multiplexer being rearranged, charges shall be assessed pursuant to this Agreement where no physical rearrangement of such circuits is required. Where a physical

rearrangement of such circuits is required, charges shall be pursuant to BellSouth's FCC tariff, Section 23.5.2.17, Reconfiguration Charges – Nonrecurring.

7 Call Related Databases and Signaling

- Call Related Databases are the databases other than OSS, that are used in signaling networks, for billing and collection, or the transmission, routing or other provision of a Telecommunications Service. Notwithstanding anything to the contrary herein, BellSouth shall only provide unbundled access to call related databases and signaling including but not limited to, BellSouth Switched Access 8XX Toll Free Dialing Ten Digit Screening Service, LIDB, Signaling, Signaling Link Transport, STP, SS7 AIN Access, Service Control Point(SCP\Databases, Local Number Portability (LNP) Databases and Calling Name (CNAM) Database Service pursuant to this Agreement where BellSouth is required to provide and is providing Local Switching or UNE-P to ITC^DeltaCom pursuant to this Agreement.
- 7.2 <u>BellSouth Switched Access (SWA) 8XX Toll Free Dialing Ten Digit Screening Service</u>
- 7.2.1 The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service database (8XX SCP Database) is a SCP that contains customer record information and the functionality to provide call-handling instructions for 8XX calls. The 8XX SCP IN software stores data downloaded from the national SMS/8XX database and provides the routing instructions in response to queries from the SSP or tandem. The BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service (8XX TFD Service) utilizes the 8XX SCP Database to provide identification and routing of the 8XX calls, based on the ten digits dialed. At ITC^DeltaCom's option, 8XX TFD Service is provided with or without POTS number delivery, dialing number delivery, and other optional complex features as selected by ITC^DeltaCom.
- 7.2.2 The 8XX SCP Database is designated to receive and respond to queries using the ANSI Specification of SS7 protocol.
- 7.3 <u>LIDB</u>
- 7.3.1 LIDB is a transaction-oriented database accessible through Common Channel Signaling (CCS) networks. For access to LIDB, ITC^DeltaCom must purchase appropriate signaling links pursuant to Section 7.4 below. LIDB contains records associated with End User Line Numbers and Special Billing Numbers. LIDB accepts queries from other Network Elements and provides appropriate responses. The query originator need not be the owner of LIDB data. LIDB queries include functions such as screening billed numbers that provides the ability to accept Collect or Third Number Billing calls and validation of Telephone Line Number based non-proprietary calling cards. The interface for the LIDB functionality is the

interface between BellSouth's CCS network and other CCS networks. LIDB also interfaces to administrative systems.

- 7.3.2 <u>Technical Requirements</u>
- 7.3.2.1 BellSouth will offer to ITC^DeltaCom any additional capabilities that are developed for LIDB during the life of this Agreement.
- 7.3.2.2 BellSouth shall process ITC^DeltaCom's customer records in LIDB at least at parity with BellSouth customer records, with respect to other LIDB functions. BellSouth shall indicate to ITC^DeltaCom what additional functions (if any) are performed by LIDB in the BellSouth network.
- 7.3.2.3 Within two (2) weeks after a request by ITC^DeltaCom, BellSouth shall provide ITC^DeltaCom with a list of the customer data items, which ITC^DeltaCom would have to provide in order to support each required LIDB function. The list shall indicate which data items are essential to LIDB function and which are required only to support certain services. For each data item, the list shall show the data formats, the acceptable values of the data item and the meaning of those values.
- 7.3.2.4 BellSouth shall provide LIDB systems for which operating deficiencies that would result in calls being blocked shall not exceed thirty (30) minutes per year.
- 7.3.2.5 BellSouth shall provide LIDB systems for which operating deficiencies that would not result in calls being blocked shall not exceed twelve (12) hours per year.
- 7.3.2.6 BellSouth shall provide LIDB systems for which the LIDB function shall be in overload no more than twelve (12) hours per year.
- 7.3.2.7 All additions, updates and deletions of ITC^DeltaCom data to the LIDB shall be solely at the direction of ITC^DeltaCom. Such direction from ITC^DeltaCom will not be required where the addition, update or deletion is necessary to perform standard fraud control measures (e.g., calling card auto-deactivation).
- 7.3.2.8 BellSouth shall provide priority updates to LIDB for ITC^DeltaCom data upon ITC^DeltaCom's request (e.g., to support fraud detection), via password-protected telephone card, facsimile, or electronic mail within one (1) hour of notice from the established BellSouth contact.
- 7.3.2.9 BellSouth shall provide LIDB systems such that no more than 0.01% of ITC^DeltaCom customer records will be missing from LIDB, as measured by ITC^DeltaCom audits. BellSouth will audit ITC^DeltaCom records in LIDB against Data Base Administration System (DBAS) to identify record mismatches and provide this data to a designated ITC^DeltaCom contact person to resolve the

status of the records and BellSouth will update system appropriately. BellSouth will refer record of mismatches to ITC^DeltaCom within one (1) business day of audit. Once reconciled records are received back from ITC^DeltaCom, BellSouth will update LIDB the same business day if less than five hundred (500) records are received before 1:00 p.m. Central Time. If more than five hundred (500) records are received, BellSouth will contact ITC^DeltaCom to negotiate a time frame for the updates, not to exceed three (3) business days.

- 7.3.2.10 BellSouth shall perform backup and recovery of all of ITC^DeltaCom's data in LIDB including sending to LIDB all changes made since the date of the most recent backup copy, in at least the same time frame BellSouth performs backup and recovery of BellSouth data in LIDB for itself. Currently, BellSouth performs backups of the LIDB for itself on a weekly basis; and when a new software release is scheduled, a backup is performed prior to loading the new release.
- 7.3.2.11 BellSouth shall provide ITC^DeltaCom with LIDB reports of data which are missing or contain errors, as well as any misrouted errors, within a reasonable time period as negotiated between ITC^DeltaCom and BellSouth.
- 7.3.2.12 BellSouth shall prevent any access to or use of ITC^DeltaCom data in LIDB by BellSouth personnel that are outside of established administrative and fraud control personnel, or by any other Party that is not authorized by ITC^DeltaCom in writing.
- 7.3.2.13 BellSouth shall provide ITC^DeltaCom performance of the LIDB Data Screening function, which allows a LIDB to completely or partially deny specific query originators access to LIDB data owned by specific data owners, for Customer Data that is part of an NPA-NXX or RAO-0/1XX wholly or partially owned by ITC^DeltaCom at least at parity with BellSouth Customer Data. BellSouth shall obtain from ITC^DeltaCom the screening information associated with LIDB Data Screening of ITC^DeltaCom data in accordance with this requirement. BellSouth currently does not have LIDB Data Screening capabilities. When such capability is available, BellSouth shall offer it to ITC^DeltaCom under the BFR/NBR Process as set forth in Attachment 11.
- 7.3.2.14 BellSouth shall accept queries to LIDB associated with ITC^DeltaCom customer records and shall return responses in accordance with industry standards.
- 7.3.2.15 BellSouth shall provide mean processing time at the LIDB within 0.50 seconds under normal conditions as defined in industry standards.
- 7.3.2.16 BellSouth shall provide processing time at the LIDB within one (1) second for ninety-nine percent (99%) of all messages under normal conditions as defined in industry standards.

- 7.3.3 <u>Interface Requirements</u>
- 7.3.3.1 BellSouth shall offer LIDB in accordance with the requirements of this subsection.
- 7.3.3.2 The interface to LIDB shall be in accordance with the technical references contained within.
- 7.3.3.3 The CCS interface to LIDB shall be the standard interface described herein.
- 7.3.3.4 The LIDB Data Base interpretation of the ANSI-TCAP messages shall comply with the technical reference herein. Global Title Translation (GTT) shall be maintained in the signaling network in order to support signaling network routing to the LIDB.
- 7.3.3.5 The application of the LIDB rates contained in Exhibit A will be based on a Percent CLEC LIDB Usage (PCLU) factor. ITC^DeltaCom shall provide BellSouth a PCLU. The PCLU will be applied to determine the percentage of total LIDB usage to be billed to the other Party at local rates. ITC^DeltaCom shall update its PCLU on the first of January, April, July and October and shall send it to BellSouth to be received no later than thirty (30) calendar days after the first of each such month based on local usage for the past three months ending the last day of December, March, June and September, respectively. Requirements associated with PCLU calculation and reporting shall be as set forth in BellSouth's Jurisdictional Factors Reporting Guide.
- 7.4 <u>Signaling.</u> BellSouth shall offer access to signaling and access to BellSouth's signaling databases subject to compatibility testing and at the terms and conditions set forth in Attachment 3 and at the rates set forth in Exhibit A. BellSouth may provide mediated access to BellSouth signaling systems and databases. Available signaling elements include signaling links, STPs and SCPs. Signaling functionality will be available with both A-link and B-link connectivity.
- 7.4.1 Signaling Link Transport. Signaling Link Transport is a set of two (2) or four (4) dedicated 56 kbps transmission paths between ITC^DeltaCom designated SPOI that provide appropriate physical diversity.
- 7.4.1.1 <u>Technical Requirements</u>
- 7.4.1.1.1 Signaling Link Transport shall consist of full duplex mode fifty-six (56) kbps transmission paths and shall perform in the following two (2) ways:
- 7.4.1.1.1 As an "A-link" Signaling Link Transport is a connection between a switch or SCP and a home STP switch pair; and

- 7.4.1.1.2 As a "B-link" Signaling Link Transport is a connection between two (2) STP switch pairs in different company networks (e.g., between two (2) STP switch pairs for two (2) CLECs).
- 7.4.1.2 Signaling Link Transport shall consist of two (2) or more signaling link layers as follows:
- 7.4.1.2.1 An A-link layer shall consist of two (2) links; and
- 7.4.1.2.2 A B-link layer shall consist of four (4) links.
- 7.4.1.3 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:
- 7.4.1.3.1 No single failure of facilities or equipment causes the failure of both links in an Alink layer (i.e., the links should be provided on a minimum of two (2) separate physical paths end-to-end); and
- 7.4.1.3.2 No two (2) concurrent failures of facilities or equipment shall cause the failure of all four (4) links in a B-link layer (i.e., the links should be provided on a minimum of three (3) separate physical paths end-to-end).
- 7.4.2 <u>Interface Requirements.</u> There shall be a DS1 (1.544 Mbps) interface at ITC^DeltaCom's designated SPOIs. Each fifty-six (56) kbps transmission path shall appear as a DS0 channel within the DS1 interface.
- 7.4.3 STP. An STP is a signaling network function that includes all of the capabilities provided by the signaling transfer point switches and their associated signaling links that enables the exchange of SS7 messages among and between switching elements, database elements and signaling transfer point switches.
- 7.4.3.1 <u>Technical Requirements</u>
- 7.4.3.1.1 STPs shall provide access to BellSouth Local Switching or Tandem Switching and to BellSouth SCPs/Databases connected to BellSouth SS7 network. STPs also provide access to third party local or tandem switching and third party provided STPs.
- 7.4.3.1.2 The connectivity provided by STPs shall fully support the functions of all other Network Elements connected to the BellSouth SS7 network. This includes the use of the BellSouth SS7 network to convey messages that neither originate nor terminate at a signaling end point directly connected to the BellSouth SS7 network (i.e., transit messages). When the BellSouth SS7 network is used to convey transit messages, there shall be no alteration of the Integrated Services Digital Network User Part (ISDNUP) or Transaction Capabilities Application Part (TCAP) user

data that constitutes the content of the message. Rates for ISDNUP and TCAP messages are as set forth in Exhibit A.

- 7.4.3.1.3 If a BellSouth tandem switch routes traffic, based on dialed or translated digits, on SS7 trunks between a ITC^DeltaCom local switch and third party local switch, the BellSouth SS7 network shall convey the TCAP messages that are necessary to provide Call Management features (Automatic Callback, Automatic Recall, and Screening List Editing) between ITC^DeltaCom local STPs and the STPs that provide connectivity with the third party local switch, even if the third party local switch is not directly connected to BellSouth STPs.
- 7.4.3.1.4 STPs shall provide all functions of the SCCP necessary for Class 0 (basic connectionless) service as defined in Telcordia ANSI Interconnection Requirements. This includes GTT and SCCP Management procedures, as specified in ANSI T1.112.4. Where the destination signaling point is a ITC^DeltaCom or third party local or tandem switching system directly connected to BellSouth SS7 network, BellSouth shall perform final GTT of messages to the destination and SCCP Subsystem Management of the destination. In all other cases, BellSouth shall perform intermediate GTT of messages to a gateway pair of STPs in an SS7 network connected with BellSouth SS7 network and shall not perform SCCP Subsystem Management of the destination. If BellSouth performs final GTT to a ITC^DeltaCom database, then ITC^DeltaCom agrees to provide BellSouth with the Destination Point Code for ITC^DeltaCom database.
- 7.4.3.1.5 STPs shall provide all functions of the Operations, Maintenance and Administration Part (OMAP) as specified in applicable industry standard technical references, which may include, where available in BellSouth's network, MTP Routing Verification Test (MRVT) and SCCP Routing Verification Test (SRVT).
- 7.4.3.1.6 Where the destination signaling point is a BellSouth local or tandem switching system or database, or is a ITC^DeltaCom or third party local or tandem switching system directly connected to the BellSouth SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPs in an SS7 network connected with the BellSouth SS7 network. This requirement may be superseded by the specifications for Internetwork MRVT and SRVT when these become approved ANSI standards and available capabilities of BellSouth STPs.
- 7.4.4 SS7
- 7.4.4.1 When technically feasible and upon request by ITC^DeltaCom, SS7 AIN Access shall be made available in association with switching. SS7 AIN Access is the provisioning of AIN 0.1 triggers in an equipped BellSouth local switch and interconnection of the BellSouth SS7 network with ITC^DeltaCom's SS7 network to exchange TCAP queries and responses with a ITC^DeltaCom SCP.

7.4.4.2 SS7 AIN Access shall provide ITC^DeltaCom SCP access to an equipped BellSouth local switch via interconnection of BellSouth's SS7 and ITC^DeltaCom SS7 Networks. BellSouth shall offer SS7 AIN Access through its STPs. If BellSouth requires a mediation device on any part of its network specific to this form of access, BellSouth must route its messages in the same manner. The interconnection arrangement shall result in the BellSouth local switch recognizing the ITC^DeltaCom SCP as at least at parity with BellSouth's SCPs in terms of interfaces, performance and capabilities.

7.4.4.3 <u>Interface Requirements</u>

- 7.4.4.3.1 BellSouth shall provide the following STP options to connect ITC^DeltaCom or ITC^DeltaCom-designated Local Switching systems to the BellSouth SS7 network:
- 7.4.4.3.1.1 An A-link interface from ITC^DeltaCom Local Switching systems; and
- 7.4.4.3.1.2 A B-link interface from ITC^DeltaCom local STPs.
- 7.4.4.3.2 Each type of interface shall be provided by one (1) or more layers of signaling links.
- 7.4.4.3.3 The SPOI for each link shall be located at a cross-connect element in the CO where the BellSouth STP is located. There shall be a DS1 or higher rate transport interface at each of the SPOIs. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface.
- 7.4.4.3.4 BellSouth shall provide intraoffice diversity between the SPOI and BellSouth STPs so that no single failure of intraoffice facilities or equipment shall cause the failure of both B-links in a layer connecting to a BellSouth STP.
- 7.4.4.3.5 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.
- 7.4.4.4 <u>Message Screening</u>
- 7.4.4.4.1 BellSouth shall set message screening parameters so as to accept valid messages from ITC^DeltaCom local or tandem switching systems destined to any signaling point within BellSouth's SS7 network where the ITC^DeltaCom switching system has a valid signaling relationship.
- 7.4.4.4.2 BellSouth shall set message screening parameters so as to pass valid messages from ITC^DeltaCom local or tandem switching systems destined to any signaling point or network accessed through BellSouth's SS7 network where the ITC^DeltaCom switching system has a valid signaling relationship.

7.4.4.4.3 BellSouth shall set message screening parameters so as to accept and pass/send valid messages destined to and from ITC^DeltaCom from any signaling point or network interconnected through BellSouth's SS7 network where the ITC^DeltaCom SCP has a valid signaling relationship.

7.4.5 <u>SCP/Databases</u>

- 7.4.5.1 Call Related Databases provide the storage of, access to, and manipulation of information required to offer a particular service and/or capability. BellSouth shall provide access to the following Databases: LNP, LIDB, Toll Free Number Database, ALI/DMS, and CNAM Database. BellSouth also provides access to SCE/SMS application databases and DA.
- 7.4.5.2 A SCP is deployed in a SS7 network that executes service application logic in response to SS7 queries sent to it by a switching system also connected to the SS7 network. SMS provides operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data stored in SCPs.
- 7.4.5.3 <u>Technical Requirements for SCPs/Databases</u>
- 7.4.5.3.1 BellSouth shall provide physical access to SCPs through the SS7 network and protocols with TCAP as the application layer protocol.
- 7.4.5.3.2 BellSouth shall provide physical interconnection to databases via industry standard interfaces and protocols (e.g., SS7, ISDN and X.25).
- 7.4.5.3.3 The reliability of interconnection options shall be consistent with requirements for diversity and survivability.
- 7.5 <u>LNP Database.</u> The Permanent Number Portability (PNP) database supplies routing numbers for calls involving numbers that have been ported from one local service provider to another. BellSouth agrees to provide access to the PNP database at rates, terms and conditions as set forth by BellSouth and in accordance with an effective FCC or Commission directive.

7.6 <u>CNAM Database Service</u>

- 7.6.1 CNAM is the ability to associate a name with the calling party number, allowing the End User (to which a call is being terminated) to view the calling party's name before the call is answered. The calling party's information is accessed by queries launched to the CNAM database. This service also provides ITC^DeltaCom the opportunity to load and store its subscriber names in the BellSouth CNAM SCPs.
- 7.6.2 ITC^DeltaCom shall submit to BellSouth a notice of its intent to access and utilize BellSouth CNAM Database Services. Said notice shall be in writing no less than

sixty (60) days prior to ITC^DeltaCom's access to BellSouth's CNAM Database Services and shall be addressed to ITC^DeltaCom's Local Contract Manager.

- 7.6.2.1 ITC^DeltaCom's End Users' names and numbers related to UNE-P Services and shall be stored in the BellSouth CNAM database, and shall be available, on a per query basis only, to all entities that launch queries to the BellSouth CNAM database. BellSouth, at its sole discretion, may opt to interconnect with and query other calling name databases. In the event BellSouth does not query a third party calling name database that stores the calling party's information, BellSouth cannot deliver the calling party's information to a called End User. In addition, BellSouth cannot deliver the calling party's information where the calling party subscribes to any service that would block or otherwise cause the information to be unavailable.
- 7.6.2.2 For each ITC^DeltaCom End User that subscribes to a switch based vertical feature providing calling name information to that End User for calls received, BellSouth will launch a query on a per call basis to the BellSouth CNAM database, or, subject to Section 7.6.2.1 above, to a third party calling name database, to provide calling name information, if available, to ITC^DeltaCom's End User. ITC^DeltaCom shall pay the rates set forth in Exhibit A, on a per query basis, for each query to the BellSouth CNAM database made on behalf of an ITC^DeltaCom End User that subscribes to the appropriate vertical features that support Caller ID or a variation thereof. In addition, ITC^DeltaCom shall reimburse BellSouth for any charges BellSouth pays to third party calling name database providers for queries launched to such database providers for the benefit of ITC^DeltaCom's End Users.
- 7.6.3 BellSouth shall bill for CNAM queries the rate set forth in Exhibit A. In the event BellSouth is unable to bill per query, BellSouth shall bill ITC^DeltaCom at the applicable rates set forth in Exhibit A based on a surrogate of two hundred and fifty-six (256) database queries per month per ITC^DeltaCom's End Users with the Caller ID feature.

7.7 <u>SCE/SMS AIN Access</u>

- 7.7.1 BellSouth's SCE/SMS AIN Access shall provide ITC^DeltaCom the capability to create service applications in a BellSouth SCE and deploy those applications in a BellSouth SMS to a BellSouth SCP.
- 7.7.2 BellSouth's SCE/SMS AIN Access shall provide access to SCE hardware, software, testing and technical support (e.g., help desk, system administrator) resources available to ITC^DeltaCom. Training, documentation, and technical support will address use of SCE and SMS access and administrative functions but will not include support for the creation of a specific service application.

- 7.7.3 BellSouth SCP shall partition and protect ITC^DeltaCom service logic and data from unauthorized access.
- 7.7.4 When ITC^DeltaCom selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable ITC^DeltaCom to use BellSouth's SCE/SMS AIN Access to create and administer applications.
- 7.7.5 ITC^DeltaCom access will be provided via remote data connection (e.g., dial-in, ISDN).
- 7.7.6 BellSouth shall allow ITC^DeltaCom to download data forms and/or tables to BellSouth SCP via BellSouth SMS without intervention from BellSouth.

8 Automatic Location Identification/Data Management System

- 8.1 911 and E911 Databases
- 8.1.1 BellSouth shall provide ITC^DeltaCom with nondiscriminatory access to 911 and E911 databases on an unbundled basis, in accordance with 47 C.F.R. § 51.319 (f).
- 8.1.2 The ALI/DMS database contains End User information (including name, address, telephone information, and sometimes special information from the local service provider or End User) used to determine to which PSAP to route the call. The ALI/DMS database is used to provide enhanced routing flexibility for E911. ITC^DeltaCom will be required to provide the BellSouth 911 database vendor daily service order updates to E911 database in accordance with Section 8.2.1 below.
- 8.2 <u>Technical Requirements</u>
- 8.2.1 BellSouth's 911 database vendor shall provide ITC^DeltaCom the capability of providing updates to the ALI/DMS database through a specified electronic interface. ITC^DeltaCom shall contact BellSouth's 911 database vendor directly to request interface. ITC^DeltaCom shall provide updates directly to BellSouth's 911 database vendor on a daily basis. Updates shall be the responsibility of ITC^DeltaCom and BellSouth shall not be liable for the transactions between ITC^DeltaCom and BellSouth's 911 database vendor.
- 8.2.2 It is ITC^DeltaCom's responsibility to retrieve and confirm statistical data and to correct errors obtained from BellSouth's 911 database vendor on a daily basis. All errors will be assigned a unique error code and the description of the error and the corrective action is described in the CLEC Users Guide for Facility Based Providers that is found on the BellSouth Interconnection Web site.

- 8.2.3 ITC^DeltaCom shall conform to the BellSouth standards as described in the CLEC Users Guide to E911 for Facilities Based Providers that is located on the BellSouth's Interconnection Web site: www.interconnection.bellsouth.com/guides.
- 8.2.4 Stranded Unlocks are defined as End User records in BellSouth's ALI/DMS database that have not been migrated for over ninety (90) days to ITC^DeltaCom, as a new provider of local service to the End User. Stranded Unlocks are those End User records that have been "unlocked" by the previous local exchange carrier that provided service to the End User and are open for ITC^DeltaCom to assume responsibility for such records.
- 8.2.5 Based upon End User record ownership information available in the NPAC database, BellSouth shall provide a Stranded Unlock annual report to ITC^DeltaCom that reflects all Stranded Unlocks that remain in the ALI/DMS database for over ninety (90) days. ITC^DeltaCom shall review the Stranded Unlock report, identify its End User records and request to either delete such records or migrate the records to ITC^DeltaCom within two (2) months following the date of the Stranded Unlock report provided by BellSouth. ITC^DeltaCom shall reimburse BellSouth for any charges BellSouth's database vendor imposes on BellSouth for the deletion of ITC^DeltaCom's records.
- 8.3 <u>911 PBX Locate Service®</u>. 911 PBX Locate Service is comprised of a database capability and a separate transport component.
- 8.3.1 <u>Description of Product.</u> The transport component provides a dedicated trunk path from a Private Branch Exchange (PBX) switch to the appropriate BellSouth 911 tandem.
- 8.3.1.1 The database capability allows ITC^DeltaCom to offer an E911 service to its PBX End Users that identifies to the PSAP the physical location of the ITC^DeltaCom PBX 911 End User station telephone number for the 911 call that is placed by the End User.
- 8.3.2 ITC^DeltaCom may order either the database capability or the transport component as desired or ITC^DeltaCom may order both components of the service.
- 8.3.3 <u>911 PBX Locate Database Capability.</u> ITC^DeltaCom's End User or ITC^DeltaCom's End User's database management agent (DMA) must provide the End User PBX station telephone numbers and corresponding address and location data to BellSouth's 911 database vendor. The data will be loaded and maintained in BellSouth's ALI database.

- 8.3.4 Ordering, provisioning, testing and maintenance shall be provided by ITC^DeltaCom pursuant to the 911 PBX Locate Marketing Service Description (MSD) that is located on the BellSouth Interconnection Web site.
- 8.3.5 ITC^DeltaCom's End User, or ITC^DeltaCom's End User DMA must provide ongoing updates to BellSouth's 911 database vendor within a commercially reasonable timeframe of all PBX station telephone number adds, moves and deletions. It will be the responsibility of ITC^DeltaCom to ensure that the End User or DMA maintain the data pertaining to each End User's extension managed by the 911 PBX Locate Service product. ITC^DeltaCom should not submit telephone number updates for specific PBX station telephone numbers that are submitted by ITC^DeltaCom's End User, or ITC^DeltaCom's End User DMA under the terms of 911 PBX Locate product.
- 8.3.5.1 ITC^DeltaCom must provision all PBX station numbers in the same LATA as the E911 tandem.
- 8.3.6 ITC^DeltaCom agrees to release, indemnify, defend and hold harmless BellSouth from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by ITC^DeltaCom's End User or by any other party or person, for any personal injury to or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by ITC^DeltaCom or others, or for any infringement or invasion of the right of privacy of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of PBX Locate Service features or by any services which are or may be furnished by BellSouth in connection therewith, including but not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing 911 services using 911 PBX Locate Service hereunder, except to the extent caused by BellSouth's gross negligence or wilful misconduct. ITC^DeltaCom is responsible for assuring that its authorized End Users comply with the provisions of these terms and that unauthorized persons do not gain access to or use the 911 PBX Locate Service through user names, passwords, or other identifiers assigned to ITC^DeltaCom's End User or DMA pursuant to these terms. Specifically, ITC^DeltaCom's End User or DMA must keep and protect from use by any unauthorized individual identifiers, passwords, and any other security token(s) and devices that are provided for access to this product.
- 8.3.7 ITC^DeltaCom may only use BellSouth PBX Locate Service solely for the purpose of validating and correcting 911 related data for ITC^DeltaCom's End Users' telephone numbers for which it has direct management authority.
- 8.3.8 <u>911 PBX Locate Transport Component.</u> The 911 PBX Locate Service transport component requires ITC^DeltaCom to order a CAMA type dedicated trunk from

ITC^DeltaCom's End User premise to the appropriate BellSouth 911 tandem pursuant to the following provisions.

- 8.3.8.1 Except as otherwise set forth below, a minimum of two (2) End User specific, dedicated 911 trunks are required between the ITC^DeltaCom's End User premise and the BellSouth 911 tandem as described in BellSouth's TR 73576 and in accordance with the 911 PBX Locate Marketing Service Description located on the BellSouth Interconnection Web site. ITC^DeltaCom is responsible for connectivity between the End User's PBX and ITC^DeltaCom's switch or POP location. ITC^DeltaCom will then order 911 trunks from their switch or POP location to the BellSouth 911 tandem. The dedicated trunks shall be, at a minimum, DS0 level trunks configured as part of a digital interface (delivered over a ITC^DeltaCom purchased DS1 facility that hands off at a DS1 or higher level digital or optical interface). ITC^DeltaCom is responsible for ensuring that the PBX switch is capable of sending the calling station's Direct Inward Dial (DID) telephone number to the BellSouth 911 tandem in a specified Multi-frequency (MF) Address Signaling Protocol. If the PBX switch supports Primary Rate ISDN (PRI) and the calling stations are DID numbers, then the 911call can be transmitted using PRI, and there will be no requirement for the PBX Locate Transport component.
- 8.3.9 Ordering and Provisioning. ITC^DeltaCom will submit an Access Service Request (ASR) to BellSouth to order a minimum of two (2) End User specific 911 trunks from its switch or POP location to the BellSouth 911 tandem.
- 8.3.9.1 Testing and maintenance shall be provided by ITC^DeltaCom pursuant to the 911 PBX Locate Marketing Service description that is located on the BellSouth Interconnection Web site.
- 8.3.10 Rates. Rates for the 911 PBX Locate Service database component are set forth in Exhibit A. Trunks and facilities for 911 PBX Locate transport component may be ordered by ITC^DeltaCom pursuant to the terms and conditions set forth in Attachment 3.

Exhibit C

Exhibit C	BellSouth/ITC^DeltaCom Points of interconnection			
	Points of interconnection			
IP CLLI	Address	City	State	
CHRLNCRU4MD	401 South College St	Charlotte	NC	422
GNBONCPH9MD	301 South Elm St	Greensboro	NC	424
RLGINCMNAMD	213 N Harrington	Raleigh	NC	426
GNVLSCMCCMD	325 West McBee Av	Greenville	SC	430
FLRNSCTSHMD	224 West Cheves St	Florence	SC	432
CLMASCEANMD	1426 Main Street	Columbia	SC	434
CHTNSCPSXYX	One Charlotte Street	Charleston	SC	436
ATLNGAPKXCX	55 Park Place NE, Suite 360	Atlanta	GA	438
MACNGA013MD	160 State Street	Macon	GA	446
AGSTGADL5MD	301 B 15th Street	Augusta	GA	442
ALBYGADZ1MD	2151 Gillionville Rd	Albany	GA	444
JCVLFLJBH06	421 West Church St	Jacksonville	FL	452
ORLFFL42AMD	8248 Parkline Blvd, Suite 220	Orlando	FL	458
WPBIFLJA1MD	1475 Centrepark Blvd,STE300	W. Palm Beach	FL	460
NSVMTN30AMD	101 Raines Ave	Nashville	TN	470
CHTHTNDNH00	1329 Slayton St	Chattanooga	TN	472
ANTNAL07AMD	410 West 10th St	Anniston	AL	476
BRHMALWDBMD	900 Appalachee St	Birmingham	AL	476
HNVIAL03ZMD	8600 South MemorialPkwy	Huntsville	AL	477
MTGMALLTAMD	10 Tallapoosa St	Montgomery	AL	478
MOBLALNHAMD	25 Battleship Pkwy	Mobile	AL	480
JCSNMSITBMD	308 East Pearl St	Jackson	MS	482
GLPTMS55JMD	2221 17th St	Gulfport	MS	484
SHPTLA12XVX	724 McNeil, 2nd Floor STE 200	Shreveport	LA	486
NWORLA90AMD	12928 Chef Menteur Hwy	New Orleans	LA	490

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Exhibit D

Wire Center List

Exhibit 1 Attach 2-TRRO Amendment Exhibit D-Wire Centers December 2

			EXNIDIT D-V	Vire Centers			
				Decemi	ber 2004 Data	with FBC count a	s of Oct 14
				Interoffice	Transport	High Capa	city Loops
			Number of				
			FB		1		
		Total	Collocators			No	No
		Business	if 3 or		ļ	Impairment	Impairment
State	Wire Center	Lines	Greater	Tier 1	Tier 2	for DS3	for DS1
					11612	101 1555	10. 001
AL	BRHMALMT	39,078	<u> </u>	X		 -	
AL	HNVIALMT	26,690			Х	<u> </u>	
AL	MOBLALAZ	20,101	5	Х			
AL	MTGMALDA	32,752	•		X		
AL	MTGMALMT	27,528	-		X		
FL	BCRTFLBT	26,601	<u> </u>		Х		
FL	BCRTFLMA	40,746	5	X		X	
FL	COCOFLMA	18,097	4	X	<u> </u>		
FL	DRBHFLMA	24,695	1		X	<u></u>	
FL	DYBHFLMA	32,282	7	X			
FL	FTLDFLCY	31,487	4	Х			
FL	FTLDFLJA	29,209	5	X			
FL	FTLDFLMR	55,881	8	Х		Х	
FL	FTLDFLOA	23,008	5	X			
FL	FTLDFLPL	29,469	5	X	· ·		
FL	GSVLFLMA	55,681	4	X		X	
FL	HLWDFLPE	37,415	4	X			· · · · · · · · · · · · · · · · · · ·
FL	HLWDFLWH	34,022			X		
			6	х	 ^	×	
FL	JCVLFLCL	42,452	3		X		
FL.	JCVLFLSJ_	24,088	L .	<u> </u>	 ^-		
FL	JCVLFLSM	17,820	5	X	 	X	
FL	MIAMFLAE	41,912	5	Х	 		
FL	MIAMFLBR	24,482	-	ļ	X		
FL	MIAMFLCA	22,645			Х		
FL	MIAMFLGR	68,580	11	X		X	X
FL	MIAMFLHL	43,021	5	Х		X	
FL	MIAMFLPB	24,380	4	X	<u> </u>		
FL	MIAMFLPL	86,923	5	Х		X	X
FL	MIAMFLRR	24,740	3		X		
FL	MIAMFLSO	23,802	3		Х		<u> </u>
FL	MIAMFLWM	23,310	4	X			
FL	MLBRFLMA	32,547	4	X			
FL	MNDRFLLO	20,180	3		X		
FL	NDADFLGG	18,239		Х	1		
FL	ORLDFLAP	31,234			X		
FL	ORLDFLCL	20,828		X			
FL	ORLDFLMA	57,966		X		X	
FL	ORLDFLPC	45,792		Х		X	
FL	ORLDFLPH	33,148		X	1	T -	
FL	ORLDFLSA	26,126				1	
FL	PMBHFLFE	25,909				1	†
FL	PMBHFLMA	33,993		X		<u> </u>	
FL	PNSCFLBL	28,685		X	†		
FL	PNSCFLFP	30,863		 	X	 	
FL	PRRNFLMA	37,969		 	X	 	
	T THE HALL PIANA	01,005	1 3			<u> </u>	

Exhibit 1 Attach 2-TRRO Amendment Exhibit D-Wire Centers

	 		EXTRIBIT D TI	rile Center			,
FL	STRTFLMA	25,577			X		
FL	WPBHFLAN	33,521	4	X			
FL	WPBHFLGA	24,885	-		X		<u> </u>
FL	WPBHFLGR	26,527	3		X		
FL	WPBHFLHH	36,053	3		X		
FL	WPBHFLLE	13,622	3		X		
GA	AGSTGAMT	22,316	3		X		<u> </u>
GA	ALBYGAMA	29,095	-		X		
GA	ALPRGAMA	74,317	7	X		Х	X
GA	ATHNGAMA	28,311	-		X		
GA	ATLNGABU	57,064	7	X		X	
GA	ATLNGACS	94,988	9	Х		X	X
GA	ATLNGAEP	34,260	4	Х			
GA	ATLNGAPP	71,905	7	X		Х	X
GA	ATLNGASS	33,797	3		X		
GA	ATLNGATH	33,131	3		X		
GA	CHMBGAMA	30,860	-		X		
GA	CLMBGAMT	36,081	•		X		
GA	CMNGGAMA	24,408	-		X		
GA	DLTHGAHS	39,907	-	X	<u> </u>		
GA	DNWDGAMA	47,862	7	X	<u> </u>	Х	
GA	LLBNGAMA	27,481	•		X	1	
GA	LRVLGAOS	32,076	-		X		
GA	MACNGAMT	24,148			X	· · · · · · · · · · · · · · · · · · ·	
GA	MRTTGAMA	89,220	4	X	 	X	X
GA	NRCRGAMA	78,131	8	X	<u> </u>	X	X
GA	RSWLGAMA	41,390	3	X		 	
GA	SMYRGAMA	29,316	5	X	 		
GA	SMYRGAPF	52,246	8	X		X	
GA	SVNHGABS	28,626	3		X		
GA	TUKRGAMA	27,383			T X	 	
KY	LSVLKYAP	49,159	4	X		Х	
KY	LSVLKYBR	16,989	3		 x		
LA	BTRGLAGW	39,525		Х		 	
LA	BTRGLAMA	39,089	4	X	1	X	
LA	LFYTLAMA	46,825		X	 	 	
LA	MONRLAMA	37,785	·		 x	† 	
LA	NWORLAMA	71,146	6	X	 	X	X
LA	NWORLAMT	31,726		``	X	<u> </u>	
LA	SHPTLAMA	29,790	4	X	1		
MS	HTBGMSMA	12,829	3	- ^-	X		1
MS	JCSNMSCP	40,109	3	Х	 		
NC	BURLNCDA	18,608	3	^`-	X	-	
NC	CARYNCCE	27,888	4	Х	 	 	
NC	CHRLNCBO	24,980	8	×	 	 	
NC	CHRLNCCA	85,131	9	×	 	X	X
NC	CHRLNCDE	17,354	3	 ^	X	 	1
NC	CHRLNCLP	9,811	4	×	 	 	
NC	CHRLNCRE	11,507	6	$\frac{\hat{x}}{x}$			
NC	CHRLNCSH	13,484	5	Î			1
NC	CHRLNCUN	14,570	4	X	+	 	<u> </u>
NC	CPHLNCRO	41,802	4	$\frac{\lambda}{x}$	+	X	

Exhibit 1 Attach 2-TRRO Amendment Exhibit D-Wire Centers

GNBONCAS	34,302	6	X			
GNBONCEU	48,789	6	Х		Х	
RLGHNCGL	26,809	5	X			
RLGHNCHO	29,561	8	Х			
RLGHNCMO	75,174	7	Х		X	Χ
SLBRNCMA	11,462	3		X		
WLMGNCWI	24,794	-				
WNSLNCFI	33,021	3		X		·
CHTNSCDT	24,703	5	X			
CHTNSCNO	24,107	-				
CLMASCSA	13,939	3		X		
CLMASCSN	48,403	5	Х			
GNVLSCDT	45,546	5	X		X	
GNVLSCWR	33,639	-				
MNPLSCES	24,061	-				
SPBGSCMA	22,796	3				
CHTGTNBR	24,314	-				
CHTGTNNS	23,166	3				
KNVLTNMA	37,284	3				
MMPHTNBA	34,364	-				
MMPHTNEL	30,973	3				
MMPHTNGT	26,311	-		X		
MMPHTNMA	23,520	6	Х			
MMPHTNMT	10,289	3				
MMPHTNOA	36,686	2				
NSVLTNBW	28,974	•				
NSVLTNDO	24,914	-		Х		
NSVLTNMT	78,781	3	Х			
NSVLTNST	24,911	-		X		
NSVLTNUN	19,987	3		X	<u> </u>	
	GNBONCEU RLGHNCGL RLGHNCHO RLGHNCMO SLBRNCMA WLMGNCWI WNSLNCFI CHTNSCDT CHTNSCDT CHTNSCNO CLMASCSA CLMASCSN GNVLSCDT GNVLSCWR MNPLSCES SPBGSCMA CHTGTNBR CHTGTNBR CHTGTNBR CHTGTNBR CHTGTNBR MMPHTNBA MMPHTNBA MMPHTNBA MMPHTNBA MMPHTNBA MMPHTNMA MMPHTNMA MMPHTNMA MMPHTNMA MMPHTNMA MMPHTNMA MSVLTNBW NSVLTNBU NSVLTNBT	GNBONCEU 48,789 RLGHNCGL 26,809 RLGHNCHO 29,561 RLGHNCMO 75,174 SLBRNCMA 11,462 WLMGNCWI 24,794 WNSLNCFI 33,021 CHTNSCDT 24,703 CHTNSCNO 24,107 CLMASCSA 13,939 CLMASCSN 48,403 GNVLSCDT 45,546 GNVLSCWR 33,639 MNPLSCES 24,061 SPBGSCMA 22,796 CHTGTNBR 24,314 CHTGTNNS 23,166 KNVLTNMA 37,284 MMPHTNBA 34,364 MMPHTNBA 34,364 MMPHTNGT 26,311 MMPHTNMA 23,520 MMPHTNMA 36,686 NSVLTNBW 28,974 NSVLTNBW 24,914 NSVLTNMT 78,781 NSVLTNST 24,911	GNBONCEU 48,789 6 RLGHNCGL 26,809 5 RLGHNCHO 29,561 8 RLGHNCMO 75,174 7 SLBRNCMA 11,462 3 WLMGNCWI 24,794 - WNSLNCFI 33,021 3 CHTNSCDT 24,703 5 CHTNSCNO 24,107 - CLMASCSA 13,939 3 CLMASCSN 48,403 5 GNVLSCDT 45,546 5 GNVLSCWR 33,639 - MNPLSCES 24,061 - SPBGSCMA 22,796 3 CHTGTNBR 24,314 - CHTGTNNS 23,166 3 KNVLTNMA 37,284 3 MMPHTNBA 34,364 - MMPHTNGT 26,311 - MMPHTNMA 23,520 6 MMPHTNMA 36,686 2 NSVLTNBW 28,974 - <td< td=""><td>GNBONCEU 48,789 6 X RLGHNCGL 26,809 5 X RLGHNCHO 29,561 8 X RLGHNCMO 75,174 7 X SLBRNCMA 11,462 3 WLMGNCWI 24,794 - WNSLNCFI 33,021 3 CHTNSCDT 24,703 5 X CHTNSCNO 24,107 - CLMASCSA 13,939 3 X CLMASCSN 48,403 5 X GNVLSCDT 45,546 5 X GNVLSCWR 33,639 - MNPLSCES 24,061 - SPBGSCMA 22,796 3 CHTGTNBR 24,314 - CHTGTNNS 23,166 3 KNVLTNMA 37,284 3 MMPHTNBA 34,364 - MMPHTNGT 26,311 - MMPHTNMA 23,520 6 X MMPH</td><td>GNBONCEU 48,789 6 X RLGHNCGL 26,809 5 X RLGHNCHO 29,561 8 X RLGHNCMO 75,174 7 X SLBRNCMA 11,462 3 X WLMGNCWI 24,794 - X WNSLNCFI 33,021 3 X CHTNSCDT 24,703 5 X CHTNSCNO 24,107 - X CLMASCSA 13,939 3 X CLMASCSN 48,403 5 X GNVLSCWR 33,639 - X MNPLSCES 24,061 - X SPBGSCMA 22,796 3 X CHTGTNBR 24,314 - X CHTGTNNS 23,166 3 X KNVLTNMA 37,284 3 X MMPHTNBA 34,364 - X MMPHTNMA 23,520 6 X</td><td>GNBONCEU 48,789 6 X X RLGHNCGL 26,809 5 X RLGHNCHO 29,561 8 X RLGHNCMO 75,174 7 X X SLBRNCMA 11,462 3 X X WLMGNCWI 24,794 - X X WNSLNCFI 33,021 3 X X CHTNSCDT 24,703 5 X X CHTSCNO 24,107 - X X CLMASCSA 13,939 3 X X GNULSCDT 45,546 5 X X GNULSCWR 33,639 - X X MNPLSCES 24,061 - X X SPBGSCMA 22,796 3 X X CHTGTNBR 24,314 - X X CHTGTNNS 23,166 3 X X MMPHTNBA 34,364</td></td<>	GNBONCEU 48,789 6 X RLGHNCGL 26,809 5 X RLGHNCHO 29,561 8 X RLGHNCMO 75,174 7 X SLBRNCMA 11,462 3 WLMGNCWI 24,794 - WNSLNCFI 33,021 3 CHTNSCDT 24,703 5 X CHTNSCNO 24,107 - CLMASCSA 13,939 3 X CLMASCSN 48,403 5 X GNVLSCDT 45,546 5 X GNVLSCWR 33,639 - MNPLSCES 24,061 - SPBGSCMA 22,796 3 CHTGTNBR 24,314 - CHTGTNNS 23,166 3 KNVLTNMA 37,284 3 MMPHTNBA 34,364 - MMPHTNGT 26,311 - MMPHTNMA 23,520 6 X MMPH	GNBONCEU 48,789 6 X RLGHNCGL 26,809 5 X RLGHNCHO 29,561 8 X RLGHNCMO 75,174 7 X SLBRNCMA 11,462 3 X WLMGNCWI 24,794 - X WNSLNCFI 33,021 3 X CHTNSCDT 24,703 5 X CHTNSCNO 24,107 - X CLMASCSA 13,939 3 X CLMASCSN 48,403 5 X GNVLSCWR 33,639 - X MNPLSCES 24,061 - X SPBGSCMA 22,796 3 X CHTGTNBR 24,314 - X CHTGTNNS 23,166 3 X KNVLTNMA 37,284 3 X MMPHTNBA 34,364 - X MMPHTNMA 23,520 6 X	GNBONCEU 48,789 6 X X RLGHNCGL 26,809 5 X RLGHNCHO 29,561 8 X RLGHNCMO 75,174 7 X X SLBRNCMA 11,462 3 X X WLMGNCWI 24,794 - X X WNSLNCFI 33,021 3 X X CHTNSCDT 24,703 5 X X CHTSCNO 24,107 - X X CLMASCSA 13,939 3 X X GNULSCDT 45,546 5 X X GNULSCWR 33,639 - X X MNPLSCES 24,061 - X X SPBGSCMA 22,796 3 X X CHTGTNBR 24,314 - X X CHTGTNNS 23,166 3 X X MMPHTNBA 34,364

Totals 68 59 27 10

Exhibit 1
Attach 2-TRRO Amendment
Exhibit A Rates
DeltaCom

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	incremental Charge - Manual Svc Order vs Electronic- Disc Add'I		SOMAN		+							
	Charge - Manual Svc Order vs Electronic-	┨┠	SOMAN	http://www.inte		- GE		5				
Exh A		1	1	t Website htt		dering charges	4 20 3					
Attachment, 2	incremental incremental Charge - Charge - Manual Svc Manual Svc Order vs Order vs Electronic Electronic- 1st Add'l	OSS Rates(\$)	NAME OF	efer to interne		tal" service on	ellenentrale besetze					
	Svc Order Submitted Manually per LSR	SOME COMAN	Name of the last	entral Office, r		South "region	above and ment					
	Submitted Submitted Elec per LSR	SOME	2	ations by Ce		are the Bell	orthone a H					
		Disconnect		Zone Design		us rate exhibi	O to determin	000	0 0		000 000 172 172 172 172 172 172 172 172 172 172	0000
		Nonrecurring Disconnect		averaged UNE		contamed in th	landbook (LO)	3.50	613		000000000000000000000000000000000000000	80
	<u> </u>		П	Geographically Deaveraged UNE Zone Designations by Central Office, refer to internet Website		rges currently	ocal Ordenna F	000	000		200 00 0 00 0 00 0 0 00 0	0 88
		Nonrecurring First Add'i		Toview	H	as ordened by the State Commissions The OSS charges currently contained in this rate exhibit are the BellSouth "regional" service ordering charges	Please refer to BellSouth's Local Ordemo Handbook (LOH) to detarmine if a surveinel can be	350	11 73	- 	200 00 156 21 150 20 160 22 160 22 16	8 92
		Rec		ged UNE Zone		Commissions	Please refer to				10 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 0 2 1 1 1 1	20.00
	nsoc			Geographically Deaveraged UNE Zones		ned by the State	listed in this category		SOMAN	as applicable	SDASP SDASP SDASP UEAL2 UEAL2 UEAL2 UEASI. UEASI. UEASI. UEASI. URETT	URETL
	BCS			fers to Geograp		harges as orde	EC rate listed in			ariff, Section 5 a	UML, UEANI, UCL, UEF, UDC, UDF, UDN, UDF, UDF, UDF, UDN, UDN, UDN, UDN, UTDN, UTDN, UTDN, UTDN, UTDN, UTDN, UTDN, UDC, UCCIEC, UCCIECNI, UCEANIL UCEAN	5 5
-	Zone	+		bination ref		rfic" OSS c	the SOM		+	CC No 1 Tg	UAN, UCAN,	
ľ	mterim 2			t of a com		state spec	conding	_	\dashv	South's F		<u>*</u>
UNBUNDLED NEI WORK ELEMENTS - Georgia	RATE ELEMENTS			The "Zone" shown in the sections for stand-slone loops or loops as part of a combination refers to	UPERATIONS SUPPORT SYSTEMS (OSS) - "REGIONAL RATES"	NOTE (1) CLEC should contact its contract negotiator if it prefers the "state specific" OSS charges	Any element that can be ordered electronically will be bulled ac	USS - Electronic Service Order Charge, Per Local Service Request (LSR) - UNE Only RCS - Mariel Service Only	R) - UNE Only E ADVANCEMENT CHARGE	Expedite charge will be maintained commensurate with Belk	UNE Expedite Charge per Circuit or Line Assagrable USOC, per Day ORDER MODIFICATION CHARGE Cheff Modification Additional Dispatch Charge (OMCAD) Choder Modification Additional Dispatch Charge (OMCAD) Choder Modification Additional Dispatch Charge (OMCAD) Cheff Modification Additional Dispatch Charge (OMCAD) 2-Wire Anaby Ovice Grade Loop 3-Wire Anaby Ovice Grade Loop 4-Wire Anaby Ovice Grade Loop 5-Wire Anaby Ovice Grade Loop 6-Wire Anaby Ovice Grade Loop 7-Wire Anaby Ovice Grade Loop 8-Wire Anaby Ovice Grade Loop 1-Wire Cheff Ovice Grade Loop 1-Wire Urburdiod Opper Loop Non-Designed 2-Wire Urburdiod Copper Loop Non-Designed 1-Wire Loop 1-Wire Loop 1-Wire Lo	ndled Miscellaneous Rate Element, Tag Loop at End User ise
UNBUNULEU	CATEGORY			The Zone	UPERAI KONS SUP	NOTE (1)	NOTE (2)	8 %	UNE SERVICE DAT	NOTE The	UNE EX UNE EX UNE EX UNBUNDLED COder MI Order MI Order MI S-WIRE A AXCLANC CLEC D Tes CL	Unbu

Exhibit 1
Attach 2-TRRO Amendment
Exhibit A Rates
DettaCom

																																										7
		Disc Add'l		SOMAN																																						
	Incremental Charge - Manual Svc Order vs Electronic-	Disc 1st	10000	SOMAN																																						†
Exh A	ental Se - Svc vs	Addil	Rates(\$)	SORGEN																	1							1					\mid									1
Attachment, 2 Exh. A	Incremental Charge - Manual Svc Order vs.	1st	COMAN COMAN	COMPA																	1																	-				1
_	Svc Order Submitted Manually per LSR		NAMOS	To the second							_			1				-					†																			1
	Svc Order Submitted Elec per LSR		SOME																																							Ì
			Disconnect											7.87	787	787	787	100	101	787						8 12	8 12	8 12				6 97	697			80	000	000	000	000	000	1
			First											18 92	18 92	18 92	18 90	5	26 0	1892	1					19 52	19 52	26 61				1823	18 23		+	000	000	000	000	00 0	00 0	†
	RATES(\$)	Γ	T	2	25, 01	7 30	800	13 62	7 42	18 27	18 92			24 65	24 65	24 65	24 65	24.85	3 3	24 b3	28	5 03	1 10	22 19	000	28 17	28 17	187	353	5 03	3	35 25 25 25	35 25	3304		31.55	31 55	31 55	31 55	31 55	31 55	
	_	Nonnectivities	First	8	0 35	7.30	25 12	13.62	14.25	38.33	18 92			79 85	79 85	79 85	79 85	70.85	3 6	8 6	90 (2)	26 55	11 19	71 87	00 0	93 01	93 01	200	55 06	26 55		180 06	180 06	120 98	-	44 69	44 69	44 69	44 69	44 69	44 69	
-			3ec			-								11 57	16 95	33 08	11 57	16.95	0000	8	+	+				17 80	21 68	200				25 27	40 17	+		23	12.97	20 62	1123	12 97	20 62	
	nsoc	+		USBMC		UEOMU	URET1	¥	UREWO	EPN	UREPM			UEAL?	UEAL2	UEAL2	UEAR2	UEAR2	HEADS	10101	100	URESP	ETL	N	UREPM	AL4	UEAt4		CHEST	URESP		XX	U1L2X	OME	-	 	××	7X	UAL2W	UAL2W	UAL2W	0.87
	y,			33		5	5 =	5	5	<u>`</u>	Š							-			ĺ				S.	П				Τ	П	01128	J.	5		UAIZX	UALZX	UAL2X	UAL	UAL	NA	-
	BCS			UEO		OEO C	2 0		UEO	OEO	UEO		100	OEA NICVG	UEA, NTCVG	UEA, NTCVG	UEA, NTCVG	UEA, NTCVG	SUFA NTCVG	IEA NITOVO	0.00	UEA, NTCVG UEA, NTCVG	UEA, NTCV	UEA	UEA	UEA, NTCV	UEA, NTCVG		מביי עוכה	UEA NTCVG		NON	NGN	NOO		UAL	UAL	UAL	UAL	UAL	UAL	Į.
-	тти Доле	+				+	1	-	+	+	4	+	ŀ		~	e	1	OI.	-	-	_	1	Ц	-	$\frac{1}{1}$	1 1	2 6		-		Į.	- 2	9	- 00 1			2	3	-	2		Г
	RATE ELEMENTS Inharm			Manual Under Coordination 2 Wire Unbundled Copper Loop - Non- Designed (per loop)	Unbundled Copper Loop, Non-Design Copper Loop, billing for	Loop Testing - Basic 1st Half Hour	Loop Testing - Basic Additional Half Hour	CLEC to CLEC Conversion Charge Without Outside Dispatch	(UCL-NU) Bulk Migration Mass market rate per 2 Wiss 1101 ND	Bulk Migration Mass market rate Order Coordination, per 2 Wire	Noice UCL-ND	ANALOG VOICE GRADE LOOP	2-Wire Arabg Voice Grade Loop - Service Level 2 w/Loop or Ground Start Signation - Zone 1	2-Wire Analog Voice Grade Loop - Service Level 2 w/Loop or	2-Wire Arabog Voice Grade Loop - Service Level 2 w/Loop or	Ground Start Signaling - Zone 3 2-Wire Arabig Voice Grade Lopp - Service Level 2 w/Baverse	Battery Signaling - Zone 1	Z-Wife Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signaling - Zone 2	2-Wire Analog Voice Grade Loop - Service Level 2 w/Reverse Battery Signafing - Zone 3	Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per	CLEC to CLEC Conversion Charge without outside dispatch	Loop Tegging - Service Level 2 (SL2)	3uk Migration Mass Market rate Order Coordination, per 2 Wire	Voice Loop-SL2 ANALOG VOICE GRADE LOOP	Wire Araba Voice Grade Loop - Zone 1	- Wille Alland Voice Grade Loop - Zone 2 Wire Analog Voice Grade Loop - Zone 3	Switch-As-Is Conversion rate per UNE Loop, Single LSR, (per DS0)	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per	NEC to CLEC Conversion Charge without outside dispatch	2-WIRE ISON DIGITAL GRADE LOOP	Wire ISDN Digital Grade Loop - Zone 2	Wire ISDN Digital Grade Loop - Zone 3	ISYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE	2 Wire Unbundled ADSL Loop including manual service inqury & facility reservation. Zone 1	2 Wire Unburdled ADSL Loop including manual service inquiry &	Recitity reservation - Zone 2 2 Wire Unburdled ADSL Loop including manual service inguity 8	facility reservation - Zone 3 2 Wire Unburded ADSL Tons without maniel source manier 2	(acility reservation - Zone 1	Tacility reservation - Zone 2 2 Wine Inchinated A DSI John unthough a popular and a	facility reservation - Zone 3	LEC to CLEC Conversion Charge without outside dispatch
	САТЕGORY					<u> </u>			1		NBINDIEDE	2-WIRE						-			ے رق		1		4-WIRE A	4 4	4	<u> </u>	σ.c		2-WIRE R	2	NC	2-WIRE A	or 2	2	2 2	fa 2	ta C	T C	, to	<u> </u>

Extribit 7

Attach 2-TRRO Amendment
Extribit A Rates
DettaCom

UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia											Attachment.	2 Exh A			
CATEGORY		Friedri	Zone	BCS	nsoc			RATES(\$)		Subi Subi	Svc Order Svc Order Submitted Submitted Submitted Elec Manually per LSR per LSR	d Charge - Manual Svc Order vs	hcramental incremental Charge - Charge - Manual Svc Manual Svc Order vs Order vs	Incremental Charge - Manual Svc Order vs.	Charge - Manual Svc Order vs	
												1st		Disc 1st	Disc Add1	
						Rec	Nonrecurring First Add'i	П	Nonrecurring Disconnect First Addil	H	SOMEC SOMAN	l ⊢	OSS Retes(\$) SOMAN SOMAN	SOMAN	SOMAN	
	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1		-	UHL	UHL2X	7 88	44 69	53	00 0	8						
	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 2		~	UHL	UHL2X	60 6	44 69		00 0	000						
	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 3			UHL	UHL2X	14 48	44 69	31 55	00 0	000						
	2 Wire Unburdied HDSL Loop without manual service inquiry and facility reservation - Zone 1		-	UHL	WEJHU	7 88	44 69	31 55	00 0	000						
	2 Wire Urbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2			UHL	WZJHU	60 6	44 69		00 0	00 0						
	2 Wire Urbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3				UHLZW	14 48	44 69		00 0	000						
4-WIRE	CLEC to CLEC Conversion Charge without outside dispatch HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATI	BLE LC		UHL	UREWO		44 69	31 55								
	4 Wire Unbundled HDSL Loop including menual service inqury and facility reservation - Zone 1			UHL	UHL4X	10 39	44 69	31 55	00 0	000						
	4-Wire Urburdied HDSL Loop including manual service inquiry and facility reservation - Zono 2		2 1	UHL	UHL4X	12 00	44 69	31 55	00 0	000						
	4-Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 3		3	UHL	UHL4X	19 07	44 69	31 55	00 0	000						
	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1		-	UHL	UHL4W	10 39	44 69	31 55	000	00 0						
	4-Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2		2 1	UHL	UHL4W	12.00	44 69	31 55	000	0 00						
	4-Wire Urburded HDSL Loop without manual service inquiry and facility reservation - Zone 3				UHL4W	19 07	44 69	31 55	00 0	00 0						
A Miles	CLEC to CLEC Conversion Charge without outside dispatch			CFL	UREWO		44 69	31 55								Π
4-wine	4-Wire DS1 Digital Loop - Zone 1		Ē		NSLXX	41 02	21193	72 49	38 24	7.20						
	4-Wire DS1 Digital Loop - Zone 2		2 (USL, NTCD1	XXISI	46 41	21193	72 49	38 24	7.20						T
	Armie DS1 Digital LOOP - Long S Sextch-AS-Is Conversion rate per UNE Loop, Single LSR, (per				VY STATE	33	26	64.2)	42.00	2						
	Switch-As-Is Conversion rate per UNE Loop, Spreadsheet, (per				UMESI		95 S	2 3								
	US1) CLEC to CLEC Conversion Charge without outside dispatch		Ĭ	USL, NI CD1 USL	UREWO		100 91	5 03 42 97								
	EEL to Designed UNE-L Conversion without outside dispatch,						90	3								
4-WIRE	Spreadsheer Conversion, per LOOP 4-WIRE 19 2, 56 OR 64 KBPS DIGIT AL GRADE LOOP						128 00	n //								
	4 Wire Unbundled Digital 19 2 Kbps				UDL 19	21.86	196 66	37 00	18 82	7.20						
	4 Wire Unbundled Digital 19 2 Kbps		3 6		UDL 19	38.22	196 66	37.00	18 82	7 20						
	4 Wire Unbundled Digital Loop 56 Kbps - Zone 1 4 Wire Unbundled Digital Loop 56 Kbps - Zone 2		- 1		UDLS6	28 36	196 66	37 00	18 82	720						T
	4 Wire Unbundled Digital Loop 56 Kbps Zone 3		e -	UDI. NTCUD	UDLS6	38.22	196 66	37 00	18 82	720						
	4 Wire Unbundled Digital Loop 64 Kbps - Zone 2		- 2		DDL64	28 36	196 66	37 00	18 82	7.20						
	4 Wire Unbundled Digital Loop 64 Kbps - Zone 3 Switch-As-ls Conversion rate per UNE Loop, Single LSR (per		1		DDL64	38 22	99 96	37 00	18 82	720					+	
	DS0) Swich-As-Is Conversion rate per UNE Loop, Spreadsheet, (per			UDL, NTCUD	URESI		25 06	353								
	DS0)			UDI, NTCUD	URESP	+	26 55	5 03		+	+					
2-WIRE	2-WIRE Unbunding COPPER LOOP															
	2-Wire Unburdled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 1			UCL	UCLPB	12 02	44 69	31 55	000	0 00						
	2 Wire Urbundled Copper Loop-Designed including manual service inqury & facility reservation - Zone 2		8	UCL	UCLPB	13 88	44 69	31 55	000	0 00						
	2 Wire Urbundled Copper Loop-Designed including manual service inquiry & facility reservation - Zone 3		6	NG.	UCLPB	22 07	44 69	31 55	000	00 0						
	2-Wire Urbundled Copper Loop-Designed without manual service inqury and facility reservation - Zone 1			ncr.	UCLPW	12 02	44 69	31 55	00 0	000						
	2-Wire Urbundled Copper Loop-Designed without manual service inquiry and facility reservation - Zone 2		~	ncr.	UCLPW	13 88	44 69	31 55	00 0	000						
>	Version 2005 Standard ICA		1													

A		O CITIZED IN ACCURATION OF														Ī	ľ	ſ
Part	UNBUNDE	CEU NEI WURK ELEMENIS - GEORGIA	-	-							Ž	_		nment. 2 EX	Tet co	ncremental	heramental	
Note 1900											ñ is					Charge -	Charge -	
Column C	CATEGORY	RATE ELEMENTS		8 6	BCS	nsoc			RATES(\$)		<u> </u>				· .	Order vs. Electronic- Disc 1st	Order vs Electronic- Disc Add'l	
1 10,				Н			Sec.	Nonrecu	H	Nonrecurring D	Н	1 4	┨┠	OSS Rat	(\$)80			
1 UCL	+	2-Wire Unbundled Copper Loop-Designed without manual service		7				FIRST	T	ž.	t	—	╁	MAIN	OMAN	SOMAN	SOME	
DCL DCL DCLAS 1866 4469 3165 900		inquiry and facility reservation - Zone 3		┱	,,	UCLPW		44 69		000	0000			1				
1 UCL		CLEC to CLEC Conversion Charge without outside dispatch (UCL-Des)		<u> </u>	ب	UREWO		44 69			-							
1 UCL	4-WIF	IE COPPER LOOP		H														
1 1 1 1 1 1 1 1 1 1		4-Wire Copper Loop-Designed including manual service inquiry and facility reservation - Zone 1		1 100	1	UCL4S	16 65	44 69		000	00 0							
## 3 UCL UCLAW 1925 4469 3155 000 ### 1 UCL UCLAW 1922 4469 3155 000 ### 2 UCL UCLAW 30.65 4469 3155 000 ### 1 UCL UCLAW 30.65 4469 3155 000 ### 2 UCL UCLAW 30.65 4469 3155 000 ### 1 UCL UCLAW 30.65 3155 000 ### 1 UCL UCLAW 30.65 3157 3157 3157 3157 3157 3157 3157 315		4-Wire Copper Loop-Designed including manual service inquiry and facility resonation . Zone 2			_	I ICH AS	10.00	44 60		8	600		_					
1 UCL UCLAW 19.52 44.69 31.55 0.00 2 UCL UCLAW 19.22 44.69 31.55 0.00 3 UCL UCLAW 30.65 44.69 31.55 0.00 4 UCL UCLAW 30.65 44.69 31.55 0.00 UCL UCLAW 30.65 44.69 31.55 0.00 UCL UCLAW 30.65 44.69 31.55 0.00 UCLAW UCLAW 30.65 44.69 31.55 0.00 UCLAW UCLAW 44.69 31.55 0.00 UCLAW UCLAW UCLAW 30.65 44.69 31.55 0.00 UCLAW UCCAW UCLAW UCCAW UCLAW UCCAW		4-Wire Copper Loop-Designed including manual service inquiry		T		9712	1 33	9 77		8	9							
1 1 1 1 1 1 1 1 1 1		and rampy bestvation. Zone 3. 4. Wire Copper Loop-bestgred without markal service inquity and facility consistion. Zone 4.		Т		34 5	30.35	8 9	3 5	8 8	8 6	-						
1 1 1 1 1 1 1 1 1 1		recardy reservation - 2018 4-Wire Copper Loop-Designed without manual service inquiry and facility reservation - 2018				IICI AW	3 8	6 7	2 2	8 8	8 6	H	-					
UCL UCLWC 18 22 16 52		4-Wire Copper Loop-Designed without manual service inquiry and facility exercation. Jone 3				IIC! 4W	30.55	2 4	. E	000	800							
UCLMC		CLEC to CLEC conversion Charge without outside dispatch	t	┱		UREWO	3	44 69	3155	8	3		1					
ULANL, ULCL, UKOCOSL		Order Coordination for Unbundled Copper Loops (per loop)		3 3		UCLMC		18 92	18 92									
NICOL, UEAN, OCOSL S7 79				<u> </u>	AL. CVG,													
UAL, UHL, UCL, UEA, ULM2L		Order Coordination for Specified Conversion Time (per LSR)		ΖŻ	CUD, USL, CD1, UEANL	OCOSL		57 79										T
Unburded Loop Modification Removal of Load Coils - 2 Wire lasts than or equal to 18th, per Unburded Loop Modification Removal of Load Coils - 2 Wire lasts than or equal to 18th, per Unburded Loop Per Coils and Coils - 4 Wire lasts than or equal to 18th, per Unburded Loop Modification Removal of Load Coils - 4 Wire lasts than or equal to 18th, per Unburded Loop Modification Removal of Bridged Tep Removal (Load, Unburded Loop Modification Removal of Bridged Tep Removal (Load, Unburded Loop Modification Removal of Bridged Tep Removal (Load, Unburded Loop Modification) Per 25 Pair Paral Set-Loop - Per Choss Box Location - Cite C Feeder Floatify Set-Coils Exclusive Removal of Bridged Floatify Set-Coils Exclusive Removal of Bridged Floatify Set-Coils Exclusive Removal of Bridged Floatify Set-Loop - Per Choss Box Location - Per 25 Pair Paral Set-Loop	HOOM HOO	ICATION		╬					1	†	+				ļ			l
Unburded Loop Modification Removal of Bridged Tap Removal, UHL UCIL, UEA ULMAT USB ULMAT		Unburded Loop Modification, Removal of Load Coils - 2 Wire pair less than or equal to 18k ft, per Unburded Loop		<u> </u>	I., UHL, UCL, Q, ULS, UEA, ANL, UEPSR, PSB	ULM2L		00 0	00 0									
University of the control of the c		Urbundled Loop Modification Removal of Load Coits - 4 Wire less than or arrist in 18K ft nor Linhardted Loop		=	I ICI IIEA	M4		8	8			_						
Loop Destribution Coop Destribution UFANIL, UEPSR, ULMBT 1791 Sub-Loop Per Cross Box Location - CLEC Feeder Facility Ser - UEANIL, UEPSR Sub-Loop Per Cross Box Location - CLEC Feeder Facility Ser - UEANIL, UEF USBSSA 256 76 Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Ser - UEANIL, UEF USBSSA 256 76 Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Ser - UEANIL, UEF USBSSB 7 29 Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Ser - UEANIL, UEF USBSSB 7 29 Sub-Loop - Per Businney Equational Room - Per 25 Pair Panel Ser - UEANIL, UEF USBSB 7 59 Sub-Loop - Per Businney Equational Room - Per 25 Pair Panel Ser - UEANIL, UEANIL, UESBSB 1 7 59 Sub-Loop - Per Businney Equational Room - Per 25 Pair Panel Ser - UEANIL, UEANIL, USBBSB 1 7 59 Sub-Loop - Per Businney Equational Room - Per 25 Pair Panel Ser - UEANIL, USBBSB 1 7 59 Sub-Loop Destribution Per 2-Wire Arabig Vioce Grade Loop - Ser - Operational Per 4-Wire Arabig Vioce Grade Loop - TOEANIL USBBN 1 0 EANIL, USBBN 1 0 18 Sub-Loop Distribution Per 4-Wire Arabig Vioce Grade Loop - TOEANIL USBBN 1 0 18 2 1 0 18 2 20 Sub-Loop Distribution Per 4-Wire Arabig Vioce Grade Loop - TOEANIL USBBN 2 1 0 1 0 1 1 0 18 2 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1		usarror equal to Len 11, per organised Loop		SIS	L UHL UCL	OLM4L	-	3	3									
Coop Distribution Coop Distribution Case Distribution Case Distribution Case Distribution Case Distribution Case Observation Case Observ		Unbundled Loop Modification Removal of Bindged Tap Removal, per Unbundled Loop		5555	o, ULS, UEA, ANL, UEPSR, PSB	ULMBT		1791										
UEANI, UEF USBSB 7.29	SUB-LOOPS		1	+									1	+				
UEANL, UEF USBSB		oop Distribution Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set- Up		=	ANL, UEF	USBSA		255 76										
DEANL USBSC 175 09	_	Sub-Loop - Per Cross Box Location - Per 25 Pair Panel Set-Up		뿔	ANL, UEF	USBSB		7 29										
DEANL USBNC S161 S162 S164 S164 S165 S20 S20 S164 S1		Sub-Loop - Per Buiding Equipment Room - CLEC Feeder Facility Set-Up		n	ANL	USBSC		175 09										
DEANL USBRC 361 2846 365 220		Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set- Up		NE	ANL	OSBSD		51 61			_							
UEANL USBND 767 3107 479 2.27 2.20		Unbundled Sub-Loops, Riser Cable, 2-Wire per Loop, Working and Spare Loop Activation		_ =	ANL	USBRC	3 61	28 46	3.85	2.20	0 01							
1 UEANL USBN2 6 52 28 46 3 65 20 2 UEANL USBN2 10 18 28 46 3 65 2 20 3 UEANL USBNA 5 93 31 07 4 79 2 27 2 UEANL USBNA 9 71 31 07 4 79 2 27 UEANL USBNA 18 85 31 07 4 79 2 27 UEANL USBNA 18 85 31 07 4 79 2 27 UEANL USBNA 18 85 31 07 4 79 2 27 UEANL USBNA 3 61 28 46 3 85 2 20		Unbundled Sub-Loops, Riser Cable, 4-Wire per Loop, Working and Spare Loop Activation		Ä	ANL	USBRD	79 7	31 07	4 79	2.27	0 01							
2 UEANL USBN2 10 18 28 46 3 85 2 20 1 1 UEANL USBN4 6 83 31 07 4 79 2 27 2 2		Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop - Zone 1		1	ANI	USBN2	6.52	28 46	385	2.20	0 0							
3 UEANI. USBN4 19 51 28 46 3 85 2 20 1 UEANI. USBN4 5 93 31 07 4 79 2 27 2 UEANI. USBN4 9 71 31 07 4 79 2 27 UEANI. USBN4 18 85 31 07 4 79 2 27 UEANI. USBN2 361 28 46 385 2 20		Sub-Loop Distribution Per 2-Wire Arabag Voice Grade Loop - Zone 2			ANL	USBN2	10 18	28 46	385	220	0 01							
2 UEANL USBNA 5 93 31 07 4 79 2 27 31 UEANL USBNA 9 71 31 07 4 79 2 27 3 UEANL USBNA 18 85 31 07 4 79 2 27 UEANL USBNC 361 28 46 3 85 2 20		Sub-Loop Distribution Per 2-Wire Aralog Voice Grade Loop - Zone 3			ANL	USBN2	19 51	28 46	385	2 20	0 01							
2 UEANI. USBN4 971 3107 479 227 3 UEANI. USBNC 18 95 18 92 18 92 UEANI. USBR2 3.61 28 46 3.85 2.20		Sub-Loop Distribution Per 4 Wire Analog Voice Grade Loop - Zone 1			ANL	USBN4	593	31 07	4 79	227	0 01							
3 UEANI, USBN4 18 85 31 07 4 79 2 27 UEANI, USBMC 18 92 18 9		Sub-Loop Distribution Per 4-Wire Arabig Voice Grade Loop - Zone 2			ANL	USBN4	17.6	31 07	4 79	227	0 0							
UEANL USBMC 18 92 18 92 UEANL USBR2 3 61 28 46 3 85 2 20		Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop - Zone 3		П	ANL	USBN4	18 85	31 07	4 79	227	0.01							
		Order Coordination for Unburdled Sub-Loops, per sub-koop pair		뽕		USBMC		18 92	18 92		i	-						
		Sub-Loop Z-Wire imrabuing Network Cable (INC.)				USBHZ 1	361	28 40	85	88	000							

Exhibit 1 Attach 2-TRRO Amendment Exhibit A Rates DettaCom
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UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia											_	Attachment 2 Exh A	Exh A			
											Svc Order	—	Incremental	ental		Incremental	
CATEGORY	RATE ELEMENTS	Interim 2	Zone	BCS	nsoc			RATES(\$)		<u> </u>	Elec per LSR	Manually Nanually Per LSR	Manual Svc R Order vs	Order vs	Charge - Manual Svc Order vs. Electronic-	Charge - Manual Svc Order vs Electronic-	
			+					Ī							Disc 1st	Disc Add'i	
			+			26	Nonrecurring First Add't	T	Nonrecurring Disconnect Frst Add'l	sconnect Add'i	SOMEC	SOMAN	SOMAN SOMAN	ates(\$)	COMAN	OMAN	
	Order Coordination for Unburdled Sub-Loops, per sub-bop pair		当	UEANL	USBMC		18 92	8								100	
	Sub-Loop 4-wire intrabuing Network Cable (INC)		픠	UEANL	USBR4	7.67	31 07	4 79	227	0 01							
	Order Coordination for Unbundled Sub-Loops, per sub-loop pair		当	UEANL	USBMC		18 92	18 92									
	Loop Testing Basic Additional Haif Hour		뿔		URET1		25 12	000									
	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 1		- 5 5 5 5 5 5 5 5 7 7		UCSZX	594	13 62	1362	000	5	Ì						
	2 Wire Copper Unbundled Sub-Loop Distribution - Zone 2 Wire Copper Unbundled Sub-Loop Distribution 2000 9		2 G		UCSZX	751	28 46	385	220	001							
	S each - Condustry dog - Construction - Core				UCSSX	82	28 46	385	2 20	001							1
	Order Coordination for Urbundled Sub-Loops, per sub-bop pair 4 Wite Conner I Inhumidad Sub-Loop Dembutton 2 2000 4		3		USBMC		18 92	18 92									
	4 Wire Copper Unburdled Sub-Loop Distribution - Zone 2				UCSAX ICSAX	637	31 07	4 79	227	100							
	4 Wire Copper Unbundled Sub-Loop Distribution - Zone 3		3		UCS4X	9 10	31 07	4 79	227	000							
	Order Coordination for Unburdled Sub-Loops, per sub-bop pair		핅	ц	USBMC		18 92	18 92									
	Designed and Dishibution Subloops		Ë		URETL		8 02	88.0									
	Loop Testing - Basic 1st Half Hour		3	UEF	URET1		25 12	000						Ī	Ī		T
Unbund	ed Sub-Loop Modification	1	3	Ī	URETA	\dagger	13 62	13 62									
	Jubundled Sub-Loop Modification - 2-W Copper Dist Load											1					
	Unburdled Sub-loop Modification - 4-W Copper Dist Load	\dagger			ULM2X	†	000	000									
	Col/Equip Removal per 4.W PR	1	빌		ULM4X		000	000									
	(urburdled kop		벍		илмвт		17 91	17 91				_					
Dunguo	ed Network Lemmating Was (UNTW) Unbundled Network Termination Wire (LINTW) nor Don	+	1		00:03:												
Network	Interface Device (NID)	+	3		JENPP CENPP	0 533	25 12	12.28				+					П
	Vetwork Interface Device (NID) - 1-2 tines		9	UENTW	UND12		32.86	50 69						Ì			Ţ
	Jethorik Interface Device Cross Cornect - 2 W	\dagger			NDCS		5603	43 86									
A CATHER PR	Network Interface Device Cross Connect - 4W		Ė		JNDC4		2 45	2 45				\dagger					
UNE OI HEH, PH	OVISIONING ONLY - NO RATE			П							Ì				İ		
			<u> </u>	UAL, UCL, UDC, UDL, UDN, UEA, UHL, UEANL, UEF UEQ, UENTW, NTCVG, NTCLID													
	Urbunded Contact Name, Provisioning Only - no rate Urbunded DS1 Loop - Superframe Format Option - no rate	\dagger	NTO	NTCD1, USL	UNECN	8 8	000	1									
<u>ء د</u>	Urbundled DS1 Loop - Expanded Superframe Format option - no rate	-	-				3									- -	
2	IID - Dispatch and Service Order for NID installation			UENTW	UNDBX	8 8	000						1				I
HIGH CAPACITY	INTW Circuit Establishment, Provisioning Only - No Rate		ভ		JENCE	000	000										
NOTE m	minimum billing period of three months for DS3/STS-1 Local Loop		\parallel					+			+						
II:	High Capacity Unbundled Local Loop - DS3 - Per Mile per month		UE3		1L5ND	10 97											
ı a	igh Capacity Unbundled Local Loop - DS3 - Facility Termination or month		UE3		UE3PX	253 38	1,753 23	131 90	112 91	75 88	-		-				
	igh Capacity Unbundled Local Loop - STS-1 - Per Mile per month	+	NDLSX		1L5ND	10.97											Γ
T T T T T T T T T T T T T T T T T T T	High Capacity Unbundled Local Loop - STS-1 - Facility Termination per month	-	ODLSX		UDLS1	305 42	1,753 23	131 90	112.91	75 88							
ונסיד משחביטי	Loop Makeup - Preordering Without Reservation, per worland or	+	+		 			H				\prod	H				
8	Spare facility queried (Manual)	+	Š		UMKLW		15 19	15 19									
4	and (Manual)	_	¥		UMKLP		19 85	19 85	_								
7 28	Loop Makeup-With or Without Reservation, per working or spare facility quened (Mechanzed)	一	UMK		UMKMO		0 82	0 82								\vdash	T
7	* CI T-1 ::: 0 J000 -::										1						

Exhibit 1	Attach 2-TRRO Amendment	Exhibit A Rates	DeltaCom
	Attach		

UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment, 2 Exh A	Exh A			
			-								Svc Order		Incremental	Incremental	<u> </u>	Incremental	
CATEGORY	RATE ELEMENTS	hterim	Zone	BCS	nsoc			RATES(\$)			Submitted Elec per LSR	Submitted Manually per LSR	Charge - Manual Svc Order vs	Charge - Manual Svc Order vs		Charge - Manual Svc Order vs	
													Electronic- 1st	Electronic- Add'i	Electronic- Disc 1st	Electronic- Disc Add'l	
			H			26 7	Nonrecurring	П	Nonrecurring Disconnect	Disconnect	00000	NAMOS	SSO	Rates(\$)	NAMOS	NAMOS	
LINE SPLITTING		\downarrow	\dagger					T		200	SOME	SOME	SOME	COMPAN	NUIDO:		
END US	END USER ORDERING-CENTRAL OFFICE BASED			BSG31 GSG	90301	0.61											
	Line Splitting - per line activation BST owned - physical UEPSR UEPSB UF		313	PSR UEPSB	UREBP	0 6297	20 10	12 40	7 68	4 30							
	Line Splitting - per fine activation BST owned - virtual		3	EPSR UEPSB	UREBV	0 6288	20 10	12 40	7 68	4 30							
2-WIRE	ANALOG VOICE GRADE LOOP	\downarrow	\dagger			+											
UNE LO	op Rates for Line Splitting (In Ga PSC ordered the line splitting	1 loop USC	Cs mat	tch the lower port-	odmoo do	tes UEPLX)											
	2 Wire Voice Grade Loop (SL1) for Line Splitting - Zone 1		<u>ال</u> ا	PSR UEPSB	ALS	926	10.05	7.36	137	128							
	2 Wire Voice Grade Loop (SL1) for Line Splitting - Zone 1	-	- (°	PSR UEPSB	ABS	9.26	10 05	7 36	137	1 28							
	2-Wire Voice Grade Loop (SL1) for Line Spiriting - Zone 2	1	2 6	PSR UEPSB	ABS	14 86	10 05	7.36	137	128							
	2 Wire Voice Grade Loop (SL1) for Line Splitting - Zone 3	-	က က	PSR UEPSB	ALS	31 66	10 05	7.36	137	128							
PHYSIC	Z-WIFE VOICE GRADE LOOP (SL1) FOR LINE Spatting - ZONE 3	†	<u></u>	PSH UEPSB	UEABS	31 00	9002	98 /	13/	97							
	Physical Collocation-2 Wire Cross Cornects (Loop) for Line			dedui dedui	0 170	0 0407	8	8									
VIRTUA	VIRTUAL COLLOCATION		5	П	2	600		3									
	configuration of the structure of the st			IEDSB (FDSB	VETIS	88100	9	900	0	000							
UNBUNDLED D	UNBUNDLED DEDICATED TRANSPORT		-														
INTERC	SFFICE CHANNEL - DEDICATED TRANSPORT		\vdash				<u> </u>										
	Interoffice Channel - Dedicated Transport - 2-Wire Voice Grade -		_=	مرداا	***	0.0057											
	Interoffice Charmel - Dedicated Transport- 2- Wire Voice Grade -		-		YY	200											
	Facility Termination		5	UrTVX	U1TV2	12.87	48 46	19 48	16 58	200							
	Interoffice Channel - Dedicated Transpor t-2-Wire Voice Grade Rev Bat - Per Mile per month		5	UITVX	1L5XX	0 0057											
	Interoffice Channel - Dedicated Transport 2 Wire VG Rev Bat -		-		, i	2000	37.07	97 07	46 50	90 3							
	Interoffice Charmel - Dedicated Transport - 4-Wire Voice Grade -		-		2	0 4	2	0	8	3							}
	Per Mile per month		5	XVTin	1L5XX	0 0057	1	1	1								
	Interoffice Chainnel - Dedicated Transport - 4- Wife Voice Grade - Facility Termination		_5	U1TVX	U1TV4	10 78	48 46	19 48	16 58	2 00							
	Interoffice Charnel - Dedicated Transport - 56 kbps - per mile per		╘	HTDV	1 EVY	0.0067											
	Interoffice Charmel - Dedicated Transport - 56 kbps - Facility	t	5		YY	i i											
	Termination	1	5	U1TDX	U1TDS	7.83	48 46	19 48	16 58	200				I			
	Inferoffice Charnel - Dedicated Transport 64 Kbps - per mile per month		5	UITDX	1L5XX	0 0057											
	Interoffice Charnel - Dedicated Transport 64 kbps - Facility		┝┋	TOTAL	aCTVI	7 03	97 07	40 48	16.59	2,00							
	Interoffice Channel - Dedicated Channel - DS1 - Per Mile per					3					į						
	month Interesting Chemial - Desirated Tremont - DS1 - Earthy	1	5 	U1TD1	1F5XX	0 1154			1								
	Termination		5	UITDI	U1TF1	34 19	111 03	80 28	31 36	21 73							
	Interoffice Channel - Dedicated Transport - DS3 - Per Mile per month		5	U1TD3	1L5XX	2 53											
	Interoffice Channel - Dedicated Transport - DS3 - Facility		=		111759	240.00	420.47	2, 48	F. 88	52 R1							
	Interesting Charmel - Dedicated Transport - STS-1 - Per Mile per		5			3											
	Information Channel Deducated Tenescook STS 1 - Earlity	1	5	Ulisi	1L5XX	22.23											T
	Imigrome Craime - Deucated Transport - 515-1 - Facility Termination		5		UITES	358 67	320 47	86 32	22 99	52.81							
	Local Channel - Dedicated 2-Wire Voice Grade		<u>ਤ</u>	1	ULDV2	8 90											
	Local Charnel - Dedicated - 2: Wife Voice Grade Hev Bat Local Charnel - Dedicated 4-Wire Voice Grade		ӭ	1	ULDV4	10 03											
	Local Channel - Dedicated - DS1 Zone 1			H	ULDF1	21 24											
	Local Channel - Dedicated - DS1 Zone 2		<u>ا د</u>	- 1	ULDF1	180 41											T
	Local Channel - Dedicated - DS3 - Per Mile per month	_		1 3	1LSNC	1 66			\prod								
	Local Channel - Dedicated - DS3 - Facility Termination		J	11	ULDF3	169 06											
<u> </u>	Local Channel - Dedicated - STS-1 Per Mile per month Local Channel - Dedicated - STS-1 - Facility Termination	†	丰	ULDS1, UNCSX	1L5NC ULDFS	177 81											
				1													<u> </u>
;																	

Exhibit 1
Attach 2-TRRO Amendment
Exhibit A Rates
DeltaCom

UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment 2 Exh A	A 42			
		L									Svc Order	Svc Order	Incremental	enta	Incremental	Incremental	T
CATEGORY	RATE EL EMENTS		2002	970	9			(4) (4)								Charge - Manual Svc	
				<u></u>	3			(e)03 IAN			per LSR		Order vs Electronic- 1st	Order va Electronic- Add'i	Order vs Electronic- Disc 1st	Order ve Electronic- Disc Add'i	
						Rec	Nonrec	Nonrecurring	Nonrecurring Disconnect	Disconnect	4 6		OSS	OSS Rates(\$)	┪┟		П
UNBUNI	OLED DARK FIBER	1					First	Addil	First	Add'!	SOMEC	SOMAN	SOMAN	+	SOMAN	SOMAN	T
	Dark Fiber, Per Four Fiber Strands, Per Route Mile Or Fraction Thereof - Interoffice Transport			UDF, UDFCX	1LSDF	23 29	1,776 53	89 75	73 53	18 70							
DARK FIBER	Dark Fiber Four Fiber Strands Per Boute Mile or Fraction Thereof																
	per month - Local Channel			UDF, UDFCX	1L5DC	46 84											
	Dark Fiber, Four Fiber Strands, Per Route Mile or Fraction Thereof per month - Local Loop	<u></u>		UDF, UDFCX	1LSDL	46 84								·			
8XX ACCESS TI	8XX ACCESS TEN DIGIT SCREENING																Π
	8XX Access Ten Digit Screening, Per Call 8XX Access Ten Digit Screening, w/8FL No. Delivery					0 0008543								1			1
	8XX Access Ten Digt Screening, wPOTS No Delivery	\prod				0 0008543											
LINE INFORMA	JDB Common Transport Per Query	\downarrow	T			0.0000682											
	LIDB Validation Per Query	\coprod				0 0266962											
CALLING NAME	CODE ORIGINAL POINT CODE ESTADISTIMENT OF CARROLL (CNAM) SERVICE	\perp		000	XHBHX		33.24	33.24	38 35	3935						t	
	CNAM for DB Owners, Per Query CNAM for Non DB Owners, Per Query					0 0009924											
LNP Query Servi	69	L				o cocoor				T							T
	LNP Charge Per query	Ц				0 0008034											
	LINF Service Provisioning with Point Code Establishment						12 49	293 68	251 47	184 91		T					
SELECTIVE ROI	SELECTIVE ROUTING	Ц															
, 01	Senective notating her onlyde Line class Code her Request her Switch						102 19	61 15	12 68	634	•	•					
AIN SELECTIVE	AIN SELECTIVE CARRIER ROUTING	\prod						l Ľ									
	Establishment				\prod		158 92	158 92	7,833.25	7,833.25			1				T
	une/Port NRC, per end user	Ц					5 06	2 06									
AIN - BELL SOUT	CHBY NAC, PER QUBIY					0 0020368											
	AIN SMS Access Service - Service Establishment, Per State, Inthal Sahm			1	20140		:	;	1	1							T
	Inda Setup			AIN	CAMSE		4 41	41 41	28	23				1	1	1	T
, ,	All SMS Access Service - Port Connection - Dial/Shared Access			A1N	CAMDP		8 15	8 15	916	916		1					
	AIN SMS Access Service - User Identification Codes - Per User			NIA.	CAMIL		213	200	916	9.16							
	ID Code AIN SMS Access Sprans - Security Card Day ID Code	\int	1	A1N	CAMAU		35 29	35.29	26 50	26 50		1					
	nital or Replacement			AIN	CAMRC		40 24	40 24	11 72	11 72							
7	AIN SMS Access Service - Storage, Per Unit (100 Kilobytes) IN SMS Access Service - Secsion Per Minite					0 0038											
	Ain SMS Access Service - Company Performed Session, Per Minute					0.8323											
SIGNALING (CCS7	NA been a rate andicates that the Datase have a second to him																Ī
	CCS7 Signating Usage, Per TCAP Message	allo Rese		i element.		0 0000527bk		\dagger				1	-		1	†	
OCATE	CCS7 Signaling Usage, Per ISUP Message (same as E 3 3)					0 0000132bk											
911 PBX	LOCATE DATABASE CAPABILITY		I													1	
3,0	Service Establishment per CLEC per End User Account	\prod	Ĭ		9PBEU		1,825 00										
	Changes to LN Hange or Customer Profile Per Telephone Number (Monthly)	\int			9PBTN 9PBTN	200	182 67		1	†				1	1		
	Change Company (Service Provider) ID	\prod		9PBDC	9PBPC	5	536 23						T		Ť	+	T
	PBX Locate Service Support per CLEC (Monthit)	\prod			9PBMR	176 96	07. 14				П						
911 PBX	LOCATE TRANSPORT COMPONENT	\int		BPBDC	9PHSC		11 73						1	\dagger			
See Att 3		Ц											†				T
ENHANCED EXT	FENDED LINK (EELs)	1		h As de Characteristic	not canhi for	INC combined:											
NOTE T	he monthly recurring and the Switch-As-Is Charge and not the	non-rec	urring c	harges below will ap	phy for UNE c	ombinations pr	ovisioned as ' C	urrently Combin	ed' Network E	lements							Ţ-
EXTENT	ED 2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATI	TED DS1	NEB -	OFFICE TRANSPOR	AT ILEAL O	73 11	70 30	96.96	5,00	90 0							
	THE TANK THE TANK TO COUNTY TO THE TANK TO]	4	חבחוב	17721	19.001	10000	2 0	000		1		1			7

Exhibit 1 Attach 2-TRRO Amendment Exhibit A Rates DeltaCom

		= 0																																				
		Incremental Charge - Manual Svc Order vs Electronic-	Disc Add'i	SOMAN																																		
		Charge - Manual Svc Order vs Electronic-	Uisc 16t	SOMAN																						1											\uparrow	-
	Exh A	Charge Manual Svc Order vs Electronic-	Addi	SOMAN															1																		\dagger	
	Attachment, 2 Exh A	thoremental Charge - Manual Svc Order vs Electronic-	100	SOMAN SOMAN																														_				
	_	Svc Order Submitted Manually per LSR		SOMAN																																	-	
		Submitted Submitted Elec per LSR		SOMEC																																	T	
				Addil	989			27 97	102	98 9	989	88.8	- 08	989	989	989			27.97	18	686	98 9	28.8	20	3	000	98 9	8		76 /2	18	989	98 9	6.86	104	000	98 9	98 6
			Noncountry Description	Fret	18 42	250		43 80	16.86	18 42	18 42	18.42	16 86	18 42	18 42	18 42			43.80	16 86	18 42	18 42	18.42	1686	9	24 01	18 42			43.80	16 86	18 42	18 42	18 42	16 86	9	1842	2, 0
		RATES(\$)	Nonsecuritor		36.38	3		45 73	2 90	36.38	36.38	36.38	2 90	36 38	36 38	36 38			45/3	2 90	36.38	36 38	36.38	2 90	9,	3 8	S		f	4573	2 90	36 38	36 38	36.38	2.90	e e	85 AF	8 8
			Nome	First	195.94			87 76	27 33	195 94	195 94	195 94	27.33	195 94	195 94	195 94			86 10	27.33	195 94	195 94	195 94	27.33	29.595	20 40	195 94		97.70	86 10	27.33	195 94	195 94	195 94	27.33	9,49	195 04	3 3
			-	88	8 8	73770	0	28 10	0 4689	11 57	16 95	33 08	0 4689	17 80	21 68	30 25	0 1154		69 75	0 4689	17 80	21 68	30 25	0 4689	2 88	8 80	8 8	0 1154	24 40	69 75	0 9963	21 86	28.36	38.22	0 9963	21.86	98.98	8 8
	-	nsoc			UEAL2	× × × ×	YYC.	UITE	1D1VG	UEAL2	UEAL2	EAL2	1D1VG	UEAL4	UEAL4	UEAL4		HATEA	MO1	1D1VG	UEAL4	UEAL4	EAL4	D1VG RT	95 101	¥	UDLS6	1L5XX	-	MQ1	910	NDL56	nDL56	UDLS6	100	101 G4	nDL64	29 121
		BCS							2 -	3			ANSPOR		2		_=	-	Σ	=	5	5	_ 5	1D1VG E TRANSPORT	=	_=	5 3	11	_=	W	9	5	S	on	101DD	IN ON O	9	5
		Zone	\downarrow	ΙГ	3 UNCVX	XIONIT		INC1X	CINCVX	UNCVX	2 UNCVX	3 UNCVX	UNCVX INTEROFFICE TR	UNCVX	UNCVX	UNCVX	UNC1X	XIONII	UNC1X	NCVX	UNCVX	UNCVX	UNCVX	UNCVX	ONCDX			UNC1X	X	UNC1X	XQ CNC CNC CNC CNC CNC CNC CNC CNC CNC CN	UNCDX	NCDX	CINCDX	UNCDX	UNCDX	UNCDX	NCDX
	┝	mterm Z	1					+	H				D DS1 IN		~	6			H			2	ဗ	TED DS1	_	-	9			H	+	-	2	9		-	7	6
UNBUNDLED NETWORK ELEMENTS - Georgia		RATE ELEMENTS		-Wire VG Loop (SL2) in Combination - Zone 2	First 2-Wire VG Loop (SL2) in Combination - Zone 3	fike Transport - Dedicated - DS1 combination - Per Mile per	Interoffice Transport - Dedicated - DS1 combination - Facility Termination per month	annelization System in combination Per Month	Voice Grade COCI - Per Month	Each Additional 2-Wire VG Loop (SL 2) in Combination - Zone 1	Each Additional 2-Wire VG Loop (SL 2) in Combination - Zone 2	Additional 2-Wire VG Loop (SL 2) in Combination - Zone 3	EXTENDED 4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1	First 4-Wire Analog Voice Grade Loop in Combination - Zone 1	First 4-Wire Analog Voice Grade Loop in Combination - Zone 2	First 4 Wire Analog Voice Grade Loop in Combination - Zone 3	Per Month	ice Transport - Dedicated - DS1 Facility Termination Per	1/0 Channel System in combination Per Month	nal 4-Wire Analog Voice Grade Loop in same DS1	Interoffice Transport Combination - Zone 1 Additional 4-Wire Anahor Voice Grade Long same DC1	Interoffice Transport Combination - Zone 2 Additional 4 Wire Analysis Organisms	Interoffice Transport Combination - Zone 3	AGDIIODIA VOICE GIRGE COCI IN COMBINATION - PER MORTH EXTENDED 4-WIRE SE KREPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE	First 4-Wire 56Kbps Digital Grade Loop in Combination - Zone 1	First 4-Wire 56Kbps Digital Grade Loop in Combination - Zone 2	First 4 Wire 56Kbps Digital Grade Loop in Combination - Zone 3	ce Iransport - Dedicated - DS1 combination - Per Mile Per	Interoffice Transport - Dedicated - DS1 - combination Facility Termination Per Month	1/0 Channel System in combination Per Month	Ad 4-Wire 56Kbps Digital Grade Loop in same DS1	Interoffice Transport Combination - Zone 1 Additional 4-Wire 56Kbps Digital Grade Loop in same DS1	Interoffice Transport Combination - Zone 2 Additional 4-Wire 56Kbps Digital Grade I non in same DS1	Interoffice Transport Combination - Zone 3 Additional OCU-DP COCI (data) - in combination per month (9.4)	EXTENDED 4-WIRE 64 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DISTANCE	First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 1	First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 2	First 4-Wire 64Kbps Digital Grade Loop in Combination - Zone 3
UNBUNDLED N		САТЕGORY		First 2	First	mend	Intero	1/0 C	Voice	Each	Each	Each,	EXTENDED 4	First 4	First 4	First 4	PerM	Month	1/0 Ch	Additio	Interof	Interof	Interofi	EXTENDED 4	First 4-	First 4	First 4	Month	Termine	10 Ch	Addition	Interoff	Interoff.	Interoffi	64kbs) EXTENDED 4-V	First 4-V	First 4-V	First 4-V

Exmont 1 Attach 2-TRRO Amendment	Exhibit A Rates	DeltaCom
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Column C											Attach	Attachment 2 Exh A			
No.								Ś	o Order Svc		ental Increme	+	1_		
115.00. 115.00. 115.00. 115.00. 115.00. 115.00. 115.00.	RATE ELEMENTS			nsoc			RATES(\$)		<u> </u>	Libralitied Sub	nitted Char nually Manua LSR Orde Elect				
H15KK H15K					36	Nonrec	П	Nonrecurring	+			OSS Rates(\$)	_	Oisc Add	
UDL64	fice Transport - Dedicated - DS1 combination - Per Mile Pe	100	2.00	1		1131		Fret	+			SOMA	_	SOMAN	
UDL64	files Transport - Dedicated - DS1 combination - Facility		NCI X	1L5XX	0 1154						-		1		
UDL64	arnel System in combination Per Month	+	UNCIX	Moi	25 25 25 25 25	87 76 86 10	45 73				1				
UDL64	DP COCI (data) - in combanation - per month (2 4-64ldbs)		UNCDX	10100	0 9963	27.33	2 90	16 86	20						
UDL64	onal 4-Wire 64Kbps Digital Grade Loop in same DS1 fice Transport Combination - Zone 1	_	UNCDX	UDL64	21.86	195.94	8. 95	18.42	88 8						
UDL64	nal 4-Wire 64Kbps Digital Grade Loop in same DS1 ice Transport Combination - Zone 2			70 10	8	3	3 8			-			-		
UDLC#4	rial 4-Wire 64Kbps Digital Grade Loop in same DS1		Т	100	88	55 CS	8	18 42	98 9						
USLXX	ned Hanspoll Collinateuri - 2018 3 real OCU-DP COCI (data) - in combination - per morth (2 4	n	NCDX ONCDX	UDL64	38.22	195 94	36.38	18 42	98 9		-	-			
USLXX	WIRE DS! DIGITAL EXTENDED LOOP WITH DEDICAL	TED DS1 INTE	DINCOX ROFFICE TRANSPOR		0 8983	27 33	2 90	16.86	2	+					
USLXX	DS1 Digital Loop in Combination - Zone 1		UNC1X	USLXX	41 02	209 45	70 44	37 91	98 9	-	†				
USLXX 0.1154 70.44 37.91 70.44 37.91 70.44 37.91 70.44 37.91 70.44 37.91 70.44 37.91 70.44 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.42 37.91 70.44 37.91 70.42 37.91 70.44 70.44 70.	DS1 Digital Loop in Combination - Zone 2	2	UNC1X	USI XX	46 41	209 45	70 44	37 91	98 9						
ILEXX	US: Ligital Loop in Combination - Zone 3 Itce Transport - Dedicated - DS1 combination - Per Mile Pe	8	UNCIX	NSLXX	82 83	209 45	70 44	37 91	98 9						
UITF1 34 19 87 76 45 73 43 80 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	fice Transport - Dedicated - DS1 combination - Facility	<u> </u>	UNC1X	1F5XX	0 1154					1	1				
NELYX 102 209.45 70.44 37.91	ration Per Month		UNC1X		34 19	87 76	45 73	43 80	27 97						
USLXX	WINE UST DIGIT AL EXTENDED LOOP WITH DEDICAT	LED DS3 INTE	ROFFICE TRANSPOR	3T		1, 000									
USLXX	S1Loop in Combination - Zone 2	- 2	UNC1X	NSLXX	46 41	209 45	70 44	37.91	686	+	1				
U1F5X 2 5.5	S1Loop in Combination - Zone 3	3	UNC1X	USLXX	6203	209 45	70 44	37.91	6 86						Ţ
USLXX	ilde Transporr - Dedicated - DS3 combination - Per Mile Pe	_	UNC3X	1LSXX	2 53										
MOSTAX	ice Transport - Dedicated - DS3 - Facility Termination per		Yeo	24.4	0000	300	i								
UCID1 735 2733 2.90 16.86 USLXX 41.02 209.45 70.44 37.91 USLXX 46.41 209.45 70.44 37.91 USLXX 62.03 209.45 70.44 37.91 USLXX 1157 195.94 36.38 18.42 USLXX 0.0057 195.94 36.38 18.42 USSLXX 0.0057 195.94 36.38 18.42 USSLXX 0.0057 195.94 36.38 18.42 USSLX 0.0057 195.94 36.38 18.45 USSLX 0.0057 195.94 41.53 USSLX 0.0057 195.94 41	mel System in combination per month		UNC3X	MO3	121 90	359 91	/0//	49.56	32.88	1	+				
USLXX 41 02 209 45 70 44 37 91 USLXX 46 41 209 45 70 44 37 91 USLXX 62 03 209 45 70 44 37 91 USLXX 62 03 209 45 70 44 37 91 USLXX 62 03 209 45 70 44 37 91 USLXX 62 03 27 33 290 16 86 USLX 11 57 195 94 36 39 18 42 USLX 12 87 66 53 33 61 43 42 USLX 12 87 66 53 33 61 43 42 USPAH 17 80 195 94 36 39 18 42 USLA 10 97 15 94 36 39 18 42 USLA 25 38 1,56 47 62 8 84 41 53 2 USLX 25 38 1,260 47 62 8 84 41 53 2 USLX 25 38 1,260 47 62 8 84 41 53 2 USLX 2 53 38 1,260 47 49 56 3 USLX 2 53 38 1,260 47 41 53 2 USLX 2 53 38 2 52 91 77 07 49 56 3 USLX 16 97 16 97 16 97 16 97 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 16 97 17 09 7 17 09 7 USLX 18 09 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	OCI in combination per month		UNC1X	UC1D1	7.35	27 33	2 90	16.86	2						
USLXX	nal US1 Loop in US3 Interoffice Transport Combination -	_	UNCIX	XXISII	24.00	2000	27 6	20,00			L				
USLXX	nal DS1Loop in DS3 Interoffice Transport Combination -				70	G. Co	2		98 0	+	1	-			
USLXX C2 03 209 45 70 44 37 91 USPART 735 27 33 2 90 16 86 UCAL2 11 57 196 94 36 38 18 42 UCAL2 30 85 195 94 36 38 18 42 UCAL2 30 80 195 94 36 38 18 42 UCAL2 30 80 195 94 36 38 18 42 UCAL4 17 80 195 94 36 38 18 42 UCAL4 21 68 195 94 36 38 18 42 UCAL4 21 68 195 94 36 38 18 42 UCAL4 21 68 195 94 36 38 18 42 UCAL4 30 25 195 94 36 38 18 42 UCAL4 30 25 195 94 36 38 18 42 UCAL4 30 25 195 94 36 38 18 42 UCAL4 30 25 15 8 94 36 38 18 42 UCACA 10 97 10 97 49 56 3 8 84 UCACA 34 8 8 8 1,260 47 628 84 41 53 UCACA 34 8 8 8 1,260 47 628 84 UCACA 34 8 8 8 UCACA 34	al DS1Loop in DS3 Interoffice Transport Combination	2	UNC1X	AXISO	46 41	209 45	44	37.91	6.86	1	1				
UCID1 735 2733 2.90 16.86 UEAL2		3	UNC1X	USLXX	82 83	209 45	70 44	37 91	98 9						
UEAL2 11 57 195 94 36 38 18 42 UEAL2 16 95 195 94 36 38 18 42 UEAL2 16 95 195 94 36 38 18 42 UEAL2 12 87 66 53 33 61 43 42 SPORT UEAL4 17 80 195 94 36 38 18 42 UEAL4 17 80 195 94 36 38 18 42 UEAL4 17 80 195 94 36 38 18 42 UEAL4 10 78 66 53 33 61 43 42 SECOND UEAL4 10 78 66 53 33 61 43 42 SECOND UEAL4 10 78 66 53 33 61 43 42 SECOND UEAL4 10 78 66 53 33 61 43 42 SECOND UEAL4 10 78 66 53 33 61 43 42 SECOND UEAL4 10 78 66 53 33 61 43 42 SECOND UEAL4 10 78 66 53 33 61 41 53 SECOND UEAL4 10 97 UTUPA	al US1 COCI in combination per month WIRE VOICE GRADE EXTENDED I COB/ 2 WIRE VOICE	COADE NIT	UNC1X	UC1D1	7.35	27.33	2 90	1686	201						
UEAL2 16 95 195 94 36 38 18 42 18	G Loop in combination - Zone 1		UNCVX	UEAL2	11 57	195 94	36.38	18 42	6 86	1	+				
UEALZ 30.08 195.94 36.38 18.42 18.22 18.22 12.50 195.94 36.38 18.42 18.42 19.50 19	/G Loop in combination - Zone 2	2	UNCVX	UEAL2	16 95	195 94	36 38	18 42	6 86			 			
115XX	G Loop in combination - Zone 3	6	UNCAX	UEAL2	33 08	195 94	36.38	18 42	98 9						
U17V2 12 87 66 55 33 61 43 42 10 14 43 42 10 14 43 42 10 14 43 42 10 14 43 42 10 14 43 43 10 14 43 43 10 14 43 43 10 14 43 43 10 14 43 43 10 14 43 10 14 43 10 14 43 10 14 43 10 14 43 10 14 43 10 14 43 10 14 43 10 14 43 10 14 43 10 14 14 10 14 14 10 14 14 10 14 14 14 10 14 14 14 10	ce Transport - 2-wre VG - Dedicated- Per Mile Per Month		UNCVX	1L5XX	0 0057										
UEALA 1780 195.94 36.38 18.42 UEALA 20.25 195.94 36.38 18.42 UITVA 10.78 66.53 33.61 43.42 11.5ND 10.97 UITSX 25.38 1,260.47 628.84 41.53 21.	th		UNCAX	U1TV2	12.87	68 53	33.61	43.42	27.60						
UEAL4 17 80 195 54 36 38 18 42 10 6 41 42 15 64 195 94 36 38 18 42 16 42 16 42 16 42 16 42 16 42 16 42 16 42 16 42 16 43	WIRE VOICE GRADE EXTENDED LOOP/ 4 WIRE VOICE	E GRADE INTE	ROFFICE TRANSPO	R					23						Ī
UEALA 21 BB 195 94 38 38 18 42 UEALA 22 BB 195 94 36 38 38 18 42 UEALA 10 78 66 53 33 61 43 42 11 LSND 10 97 UE3PX 253 8 1,260 47 628 84 41 53 11 LSNZ 253 8 1,260 47 628 84 41 53 11 LSNZ 253 8 1,260 47 628 84 41 53 11 LSNZ 253 8 1,260 47 628 84 41 53 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 49 56 28 84 11 LSNZ 253 84 77 07 07 07 07 07 07 07 07 07 07 07 07	G Loop in combination - Zone 1	- (CINCOX	UEAL4	17 80	195 94	36 38	18 42	98 9						
1L5XX	G Loop in combination - Zone 3	3 6	UNCVX	UEAL4	30.25	195 94	36.38	18 42	6.86		+				
115NX	der Man VG - Dadroted - Dor Man Advanced - Dor Man	L	2101	-	: 1		-		,	<u> </u>	 -	<u> </u>	<u> </u>		
U1TV4	Ce Transport - 4 wre VG - Dedicated - Facility	+	UNCVA	1L5XX	0 0057	+	+	1	$\frac{1}{1}$	+	$\frac{1}{1}$	 			
UE3PX	ation per month		UNCVX	U1TV4	10 78	66 53	33.61	43 42	27 60	-					
115ND	3 DIGITAL EXTENDED LOOP WITH DEDICATED DS3	INTEROFFICE	TRANSPORT												
UE3PX 253.38 1,260.47 628.84 41.53 20 1L5XX 2.53 3.25.91 77.07 49.56 32 U1TF3 342.02 325.91 77.07 49.56 32 RT 11.5ND 10.97	cal Loop In comunation - per mile per moran	+	UNC3X	1LSND	10 97		1	+							
HT 115ND 10.97 49.56 32	sal Loop in combination - Facility Termination per month		UNC3X	VE3PX	253 38	1,260 47	628 84	4153	20.76						
HT 115ND 10 97 49 56 32 32 91 77 07 49 56 32	e Transport - Dedicated - DS3 combination - Facility		UNCSA	1L5XX	23		+				-				
1LSND	Non per month		UNCOX	U1TF3	342 02	325 91	70 77	49 56	32 88						
	ocal Lob in combination - per mile per month	S-I IN ERUF	UNCSX	1L5ND	10 97	1				+	+				

Exhibit 1 Attach 2-TRRO Amendment Exhibit A Rates	- Care
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UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia									}			Attachment 2 Exh A	Exh A			ſ
			L							S			Incremental	enter	Incremental	Incremental	T
CATEGORY	RATE ELEMENTS	hterim Zo	Zone	BCS	nsoc			RATES(\$)		<u>.</u>						Charge - Manual Svc Order vs	
			-										tst	۸.	Electronic- Disc 1st	Electronic- Disc Add'I	
		+	+			- L	Nonrecurring	1.75	Nonrecurring Disconnect	H	NAMOS COMOS	NAME:	OSS Rates(S)	lates(5)	1		
	STS-1 Local Loop in combination - Facility Termination per morth		_ <u>\$</u>	UNCSX	50	305.40	1 260.47	3	1,53	+-	2		NAME OF THE PARTY	SOME	SOMAIN	SOMAIN	
	Interoffice Transport - Dedicated - STS-1 combination - per mile			200			1	L 0.20		0.00	-						
	Interoffice Transport - Dedicated - STS-1 combination - Facility	$\frac{1}{2}$	\$	UNCSX	1L5XX	2 53		1		+		+		Ì			
X	Termination per month			UNCSX	U1TFS	358 67	325 91	70 77	49 56	32 88							
4	First 2-Wire ISDN Loop in Combination - Zone 1	HANSPC	HT HE	XNC	X6 191	ca cr	70	00 00	9	3	+						
	First 2-Wire ISDN Loop in Combination - Zone 2		<u>Š</u>	UNCNX	XZIIO	36.26	195 94	8 8	18 42	98.9	+	\dagger		1			
	First 2-Wire ISDN Loop in Combination - Zone 3		ξ ε	CNX	U1L2X	42 17	195 94	36 38	18 42	6.86						T	T
	mentioners transport - Dedicated - DS1 combination - per mile per month			LINCIX	11 5XX	25.											
	Interoffice Transport - Dedicated - DS1 combination - Facility		-			5					\dagger						T
	1/0 Channel System in combination - per month		<u> </u>	UNCIX	UITE	34 19	87 76	45 73	4380	27.97	+						
	2-wre ISDN COCI (BRITE) - in combination - per month		Ŏ	XNC	UCICA	1 66	27.33	2 90	16.86	1 04	\dagger	\dagger			Ì		T
_	Additional 2-wre ISDN Loop in same DS linteroffice Transport Combination - Zone 1		-	ANCIN	201	9	10.07										
	Additional 2-wire ISDN Loop in same DS1Interoffice Transport	L		4	W S	200 2	5 2	8	18 42	989	\dagger	\dagger		1		1	
	Additional 2-wire ISDN I com in come DC Harmoretton Transcent		2	UNCNX	VILZX	26 26	195 94	36.38	18 42	98 9							
	Combination - Zone 3		3 ONC	UNCNX	U1L2X	42 17	195 94	38 38	18 42	989							
	Additional 2-wre ISDN COCI (BRITE) - in combination- per month		2		4010I	186	07.00	6	9	,		-					
EXTEN	DED 4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATE	DSTS-1 IN	TEROF	Odst	AT TH	3	3	7 30	00 0	3	+	\dagger	\dagger			Ţ	
	First DS1 Loop Combination - Zone 1		ž	$\ \ $	USLXX	41 02	209 45	70 44	37.91	98 9	t						
	First DS1 Loop Combination - Zone 3				XX	46 41	209 45	70 44	37.91	98 9		+					П
	Interoffice Transport - Dedicated - STS-1 combination - Per Mile	-			4	3	C1 603	44.0/	5	08 0	+	\dagger	\dagger		1	Ì	
	Per Month Intentifica Transmort - Dedicated - STS-1 combination Equition	$\frac{1}{2}$	š	UNCSX	1L5XX	253					1	+					
	Termination per month		UNCS	xsx	U1TFS	358 67	325 91	70 77	49 56	32.88							
	3/1 Channel System in combination per month		ONCSX	XSC	MQ3	121 90											
	Additional DS1Loop in the same STS-1 interoffice Transport		š	XI.	UC1DI	7.35	2733	2 90	16 86	1 04	\parallel	+					
	Combination - Zone 1	-	1 UNC1X	XIX	USLXX	41 02	209 45	70 44	37 91	98 9							
_	Additional US1Loop in the same STS-1 Interoffice Transport Combination - Zone 2		X ENC.	×	K. I	17 77	200 45	10.41	70 50								
	Additional DS1Loop in the same STS-1 Interoffice Transport					-	Ch CO		6 5	000	+					1	
	DS1 COCI in combination per month	1			USLXX	6203	209 45	70 44	37 91	989	+	+	1			İ	
EXTEN	DED 4-WIRE 56 KBPS DIGITAL EXTENDED LOOP WITH 56 KB	PS INTERO	E E	Ļ		3	3	2	200	3	-				İ		
	4 wire 56 kbps Local Loop in combination - Zone 1	- 6			UDLSe	21 86	195 94	36.38	18 42	98 9	H						
	4 wre 56 kbps Local Loop in combination - Zone 3 3 UNCDX	3	S S		95,00	88 88	195 94	88.98	18 42	98.9	+	\dagger	\dagger		İ	1	
	Interoffice Transport - Dedicated - 4 wire 56 kbps combination - Per Mile per month		KCCNII		11 SXX	0.0057						-					
	Interoffice Transport - Dedicated - 4 wire 56 kbps combination -										-	\dagger				1	T
EXTEN	DED 4-WIRE 64 KBPS DIGITAL EXTENDED LOOP WITH 64 KBI	S INTERO		Ŀ	SILIS	783	66 53	33 61	43 42	27 60	+	+					
	4-wre 64 kbps Looal Loop in Combination - Zone 1		CINC		UDL64	21 86	195 94	36 38	18 42	98 9	+	-		t			T
	4-wre 64 kbps Lcoal Loop in Combination - Zone 2	2 2	3		NDL64	28 36	195.94	36 38	18 42	98 9	H	$\ $					
	Interoffice Transport - Dedicated - 4-wire 64 kpps combination -	1	\$	Τ	PODE PA	33	35.	36.38	18 42	6.86	+	+					
	Per Mile per month	+	NCDX		1L5XX	0 0057											
	Intercented Transport - Dedicated - 4-wire 64 tops combination - Facility Termination per month		SNO		U1TD6	7 83	66 53	33.61	43.42	27.60							
EXTEN	DED 2-WIRE VOICE GRADE LOOP WITH DS1 INTEROFFICE TR	ANSPORT	w/ 3/1 I.						31.01	3	-	+	\dagger	-			
	First 2-wire VG Loop (SL2) in Combination - Zone 1 I UNCVX	-10	2 Z	ļ	UEAL2	11 57	195.94	36.38	18 42	98 9	\parallel						
	First 2-wire VG Loop (SL2) in Combination - Zone 3	3	S S S		UEAL2	33 08	195 94	36.38	18 42	98 9	+	\dagger					T
	Hist Interoffice Transport - Dedicated - DS1 combination - Per Mila		-								-	\vdash	 				
	The state of the s	-	JUNCIX		1L5XX	0 17%	1				+	4		1		1	7

Attach 2-TRRO Amendmen	DeltaCom
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UNBUNDL	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment, 2 Exh A	Exh A			Γ
CATEGORY	RATE ELEMENTS	Interim 2	Zone	BCS	osn			RATES(\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	thcremental Charge - Manual Svc Order vs	Incremental Charge - Manual Svc Order vs	Incremental Charge - Manual Svc Order vs.	Charge - Charge - Manual Svc Order ve	
																Disc Add'l	
			+			Rec	Nonracu	Nonrecurring P	Nonrecurring Disconnect	Disconnect	Janus	SOMAN	OSS	Rates(\$)	COUAN	NAMO	
	First Interoffice Transport - Dedicated - DS1 combination - Facility		╁) }		9			1 6					N Company	NO.	TO SOLIT	
	Per each DS1 Charmelzation System Per Month	İ		XC1X	Mot	52 69	86 10	5/ 64	45.80	16.12						†	
	Per each Voice Grade COCI - Per Month per month		5	VCVX	1D1VG	0 4689	27.33	2 90	16.86	104							
	3/1 Channel System in combination per morth		3	UNC3X	MQ3	121 90											
	Fer each US1 CUCI in combination per month Each Additional 2-Wire VG Loop/SI 2) in the same DS1	I	Ĭ.	NC1X	ICIDI	7.35	27.33	2 90	1686	2							
	Interoffice Transport Combination - Zone 1		5	UNCVX	UEAL2	11 57	195 94	36 38	18 42	98 9							
	Each Additional 2-Wire VG Loop(SL2) in the same DS1 Interoffice Transport Combination - Zone 2		6	XAUNII	IIEAIS	20.81	105 04	36.38	07.84	98 9							
	Each Additional 2 Wire VG Loop(SL2) in the same DS1 Interoffice			2 2				3 8	3	3							
	Each Additional Voice Grade COCI in combination - per month		5 <u>5</u>	UNCVX	1D1VG	33 UB 0 4689	27.33	280	16 86	8 2							
	Each Additional DS1 Interoffice Channel per mile in same 3/1 Channel System per month		5	UNC1X	1L5XX	251										-	
	Each Additional DS1 Interoffice Charmel Facility Termination in same 31 Charmel System per month		=	UNC1X	UNTE	25 19	87.78	45.73	43.80	79.76							ļ
	Each Additional DS1 COCI combination per month		٦	VC1X	UCIDI	7.35	27.33	2 90	16.86	ş							
EXIE	NUED 4-WHE VOICE GRADE LOOP WITH DEDICATED DS1 INT First 4-Wire Analog Voice Grade Local Loop in Combination -	EROFFICE	E TRAN	SPORT w/ 3/1 MUX	<u>×</u>												
	Zone 1 First 4-Wire Araba Voice Grade Local Loop in Combination -		<u>∃</u> -	UNCVX	UEAL4	17 80	195 94	36 38	18 42	989						1	T
	Zong 2	1	2	UNCVX	UEAL4	21 68	195 94	36 38	18 42	98 9							
	Hitst 4-Wife Analog Voice Grade Local Loop in Combination - Zone 3		<u>5</u>	UNCVX	UEAL4	30 25	195 94	36 38	18 42	98 9							
	First Interoffice Transport - Dedicated - DS1 combination - Per Mile Per Month		Г	X	41 57.4	73.70											
	First Interoffice Transport - Dedicated DS1 - Facility Termination		+		Y	5											
	Per Month Der aach 1/0 Chamal Svetom in combination Dar Month		5 =	UNCIX	UNTE	34 19	87 76	45 73	4380	27 97							
	Per each Voice Grade COCI in combination - per month		5 5	UNCVX	101VG	0.4689	27.33	2 90	16.86	12							
	3/1 Charmel System in combination per month Per each DS1 COCI in combination per month		<u>5</u> 5	NC3X	MQ3	121 90	27.33	2 90	16.86	2	1					1	
	Additional 4-Wire Anabg Voice Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		-	XACINI	I IF A I A	17.80	195.92	8. y.	54.85	98.9							
	Additional 4-Wire Analog Voice Grade Loop in same DS1 interoffice Transport Combination - Zone 2			INCVX	I IF A I A	2 2	20 40	8 8	4 6	8 8							
	Additional 4-Wire Analog Voice Grade Loop in same DS1 interoffice Transport Combination - Zone 3			INCVX	I IFAI 4	. S.	29. 98	8 8	18 42	8 8							
	Each Additional DS1 triteroffice Channel per mile in same 3/1 Channel System per month			> ONL	AAJ I	73.50											
	Charles System for include Charmel Facility Termination in Each Additional DS1 Haroffice Charmel Facility Termination in		5 5	Y S	L'OVA	5		, L	6	10.00							
	Additional Voice Grade COCI - in combination - per month	Ħ	5 5	UNCVX	$\overline{}$	0 4689	27 33	2 90	16 86	1 04							
EXTE	NDED 4-WIRE 56 KBPS DIGITAL EXTENDED LOOP WITH 56 KB First 4-Wire 56khrs Digital Grade Local Loop in Combination	PS INTER	OFFICE FICE	TRANSPORT W	3/1 MUX												
	Zone 1		5	UNCDX	UDL56	21 86	195 94	36 38	18 42	98 9							
	First 4-Wire 56Kbps Digital Grade Local Loop in Combination - Zone 2		5	UNCDX	UDLS6	88	195 94	36.38	18 42	98 9							
	First 4-Wire 56Kbps Digital Grade Local Loop in Combination - Zone 3			UNCDX	PDLS6	88	195 94	36.38	18 42	989							
	First Interofitice Transport - Dedicated - DS1 combination - Per Mile Per Month			UNCIX	1L5XX	251.0									-		
	First Interoffice Transport - Dedicated - DS1 - combination Facility		=	X-CN-	IIATEA	9	07.70	5. 24	6	20.00							
	Per each 1/0 Charnel System in combination Per Month	T	15	UNC1X	MO	69 75	86 10	2	3	70.77							
	Per each OCU-DP COCI (data) COCI per month (2 4-64tbs)		5	UNCDX	1D1DD	0 9963	27 33	2 90	16 86	104							
	31 Channel System in combination per month Per each DS1 COCt in combination per month		5 5	UNC3X	MO3 UC101	121 90 7 35	27.33	2 90	16 86	45							T
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 interoffice Transport Combination - Zone 1		5	UNCDX	95100	21.86	195 94	36.38	18 42	98 9							
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1		Г	200	3	8											
	menormo i integrali compinatori - como c		5	VOO.	OUT.30	00 00	96 CS	8	18 42	080							

Exhibut 1
Attach 2-TRRO Amendment
Exhibit A Rates
DettaCom

UNBUNDL	UNBUNDLED NETWORK ELEMENTS - Georgia											Attach	Attachment 2 Ext. A	-			
			-							S	_	_	Incremental Incre	ental	1 8	Incremental	
CATEGORY	RATE ELEMENTS	Interim Zo	Zone	BCS	osn			RATES(\$)		v _	Submitted Subr Elec Man per LSR per					Charge - Manual Svc Order vs	
																Electronic- Disc Add'l	
		+	\dashv			26	Nonrect	Nonrecuring	Nonrecurring Disconnect	Ħ	000	100	OSS Ratea(\$)	1 1	┨┠		
	Additional 4-Wire 56Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 3		3 N	UNCDX	UDLS6	38.22	195.94	8	18 42	9	_	+-	NAME OF THE PERSON NAME OF THE P	1	SOMAN	SOMAN	
	OCU-DP COCI (data) COCI in combination per month (2 4 64 ldxs)		Š	UNCDX	10100		27.33	2 90	16 86	104					}		
	Each Additional UST Interoffice Channel per mile in same 3/1 Channel System per month		_N	UNC1X	1L5XX	0 154								_			
	Each Additional DS1 Interoffice Channel Facility Termination in same 31 Channel System per month		Ň	UNC1X	UITEI	34 19	87.76	45 73	43 80	76 12							
1	Each Additional US1 COCI in the same 3/1 channel system combination per month.		ON O	C1X UC1D1	UC1D1	7.35	27.33	2 90	16 86								
EVIC	EAT ENDEA - WHITE BY ABIN'S DIGHT ALL LOOP WITH DEDICATED DIST INTEROFFICE TRANSPORT First 4 White Softbook Dights Grade Loop in a DS1 Interoffice Transport Combination - Zone 1 UNCDX	TEROFFI	- CE TRA	NSPORT w/ 3/1 (MUX UDL64	21 86	195 94	36.38	18 42	98 9							
	First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 2		ONC	UNCDX	UDL64	28 36	195 94	36.38	18 42	98 9	-						
	First 4-Wire 64Kbps Digital Grade Loop in a DS1 Interoffice Transport Combination - Zone 3	.,	3 CINC	UNCDX	UDL64	38 22	195 94	36 38	18 42	98 9				-			
	First merchice Transport - Dedicated - DS1 combination - Per Mile Per Month		UNC1X	XI	1L5XX	0 1154											
	First Interoffice Transport - Dedicated - DS1 combination - Facility Termination Per Month		UNC1X		UITEI	34 19	87 76	45 73	43 80	27 97							
	Per each Charmel System 1/0 in combination Per Month Per each OCU-DP COCI (data) in combination - per month (2.4-	\dagger	<u> </u>		MO1	69 75	86 10										
	64(bbs)	+	NCDX		10100	0 9963	27.33	2 90	16 86	1 04		-			-		
	Per each DS1 COCI in combination per month	+	UNCIX		UC1D1	7 35	27 33	2 90	16 86	104		1		+			
	Additional 4-Wire 64Kbps Digital Grade Loop in same DS1 Interoffice Transport Combination - Zone 1		1 UNCDX		UDL64	21 86	195.94	36.38	18 42	98 9							
	Accidental 4-Wire b4Npbs Ugital Grade Loop in same US1 Interoffice Transport Combination - Zone 2		2 UNCDX		UDL64	28 36	195 94	36 38	18 42	98 9				_			
	Additional 4-Wire 64kbps Uigital Grade Loop in same DS1 interoffice Transport Combination - Zone 3	60	3 UNCDX		UDLE4	38.22	195 94	36 38	18 42	98 9							
	Additional OCU-DP COCI (data) - DS1 to DS0 Charnel System combination - per month (2.4-64(bc))		UNCDX		10100	0 9963	27.33	2 90	16.86	2				<u> </u>			
	Each Additional DS1 Interoffice Charmel per mile in same 3/1 Charmel System per month		UNC1X		1L5XX	0 1154								-			
	Each Additional DS1 Interoffice Charmel Facility Termination in same 31 Charnel System per month		UNC1X		UITFI	34 19	87 76	45 73	43 80	27 97		-	<u> </u>				
	Each Additional DS1 COCI in the same 3/1 channel system combination per month		UNC1X		UC1D1	7.35	27 33	2 90	16.86				-				
EXTEN	EXTENDED 2-WIRE ISON LOOP WITH DS1 INTEROFFICE TRANSPORT w/ 3/1 MUX	w/3/1 ML	×														
	Transport - Zone 1 First 2 Wire SON I con in a DS1 Intendice Combination	-	ONCNX		U1L2X	19 82	195 94	36 38	18 42	989							
	Transport - Zone 2 First 3 Mire ISDN 1 con in a DE 1 Information	2	2 UNCNX		U1L2X	26.26	195 94	3638	18 42	98 9							
	Transport Zone 3	e .	3 UNCNX		חורצא	42 17	195 94	36 38	18 42	98 9							
	First interorate I ransport - Dedicated - DS1 combination - Per Mile per month		UNC1X		1L5XX	0 1154									-		
	Prist Interotrice Transport - Dedicated - DS1 combination - Facility Termination per month	\dashv	UNC1X		U1TF1	34 19	87 76	45 73	43 80	27 97				_			
	rer each Channel System 1/0 in combination - per month	+	3		ğ	69 75	96 10		+		\prod	\prod					
	Per each 2-wre ISDN COCI (BRITE) in combination - per month	+	CNCNX		JC1CA	1 66	27 33	2 90	16 86	1 04	-						
	Per each DS1 COCI in combination per month				UC1D1	7 35	27 33	2 90	16 86	2	+	+	+	+			
	Additional 2-wife ISUN Loop in same DS1/interoffice Transport Combination - Zone 1	_	UNCNX		חיובא	19 82	195 94	36.38	18 42	98 9				_			
	Additional 2 wre ISON Loop in same DS tinteroffice Transport Combination - Zone 2	~			0112X	26.26	195 94	86.36	18 40	98 9	-	_					
	Additional 2-wire ISDN Loop in same DS1interoffice Transport Combination - Zone 3	F			XZTIN		195 94	8 98		98			_	-			
	Additional 2-wre ISDN COCI (BRITE) in same 1/0 channel system combination- per month	_	CNCNX		UCICA	1.66	27.43	8	80 84	3				<u> </u> 		-	
			4		57.57	22.		1 2	20.00	5				1	1		7

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	Charge - Manual Svc Order vs Electronic-		SOMAN																								_		T								\dagger	\dagger				+-	
	hcremental Charge - Manual Svc Order vs Electronic- Duc 1st		SOMAN																										1						1		\mid	†					
1	Lincremental Charge - Manual Svc Order va Electronic	Datao(e)	SOMAN																																1	-				_			
4.00	Attachment thremental Charge - Manual Svc Order vs Electronic-	000	SOMAN																																								
	Syc Order d Submitted Manually per LSR		SOMAN																																								_
	Svc Order Submitted Elec per LSR		SOMEC																					i																			
		Disconnect	Adďi			27 97	2		989	98 9	8		27 97		5		27 97	2	6 86	88.9		6 86	6 86	989	989		27 60	A 86	989	989		27 60				000		000	0.79	000	į		
		Nonrecurring	First Add'i			43 80	16 86		37.91	37.91	5		43 80	16.96	3		43 80	16.86	37 91	37.91		3/81	18 42	18 42	18 42		43 42	18.42	18 42	18 42		43 42				000	8	900	2 03	0 7591			_
	RATES(\$)	Г	rst Add"		1	45 73	2 90		70 44	29 44		1	45 73	000			45 73	2 90	70 44	70 44	;	44	36 38	36.38	80 80		3361	36.38	36 38	3638		3361				00 0	8	3	23.78	7 66	VF. 4		13.51
		Nonrecu	First			9/ /8	27 33		209 45	209 45			97 78	27.33			87 76	27 33	209 45	209 45	1,000	C08 40	195 94	195 94	*6		66 53	195 94	195 94	195 94		66 53				800	2	8	184 62	218 74	62		40 26
				251.0	,	2	7.35		41 02	82 83	231.0	5	34 19	7.35	1,1,1	8	34 19	7.35	41 02	46 41	8	3	21 86	888	1	0 0057	7.83	21 86	2836	27	0 0057	7 83	s apply	rge does not.					-		<u> </u>		_
	nsoc			1L5XX	INTE:		UC1D1	22.0	XX SC	XXTSN	11 5 7 7		JIE	UC1D1	200	YYC]	UITE	UC1D1	USLXX	USLXX	- ×× 10	V	DDL56	50.56		IL5XX	U1TDS	DL64	UDL64	8 3	1L5XX	U1TD6	vitch As is charge does apply	witch As Is Cha		CCOEF	CCOSF		NHCCC	NRCC3	CCCNIC		URESL
	BCS																																ut a Switch As	pply and the Si					Т	T			╗
	<u> </u>	Н	-	UNC1X	XIONI		UNCIX	T w/ 3/1 h	NO.	UNC1X	UNC1X		UNC1X	UNC1X UNC1X	INC		NC1X	UNC1X	UNCIX	UNC1X	XFON	TRANSP	UNCDX	CINCOX		NCDX OVCDX	UNCDX	UNCDX	UNCDX		Š S	UNCDX	t apply, be	charges a		U(TD), ULDD1,UNC1X	ULDD1.UNC1X	ULDD1, U1TD1	U1TD3 ULDD3	UE3, UNC3X	UNCVX, UNCDX, UNC1X, UNC3X, UNCSX	UITVX UITDX, UITDI, UITD3,	UITSI
	Interim Zone		+			-		MANSPOR	- ^	3		H	+	+		ŀ	+	+	-	2	-	ROFFICE	- 0	٦	-	-	_ 0		2 6	, -	+	+	op sad	D Courning		_		H	+	\dashv			-
UNBUNDLED NETWORK ELEMENTS - Georgia	RATE ELEMENTS IN		Each Additional DS1 Interoffice Channel ber mile in same 3/1	Charmel System per month	each Additional US1 Interoffice Channel Facility Termination in ame 3/1 Channel System per month	Each Additional DS1 COCI in the same 3/1 channel system	EXTENDED 4-WIBE DS11 OOP WITH DEDICATED DS1 NITEDSTEED TENTOGENERAL	irst 4-wire DS1 Digital Logal Loop in Combination - Zone 1	irst 4-wire DS1 Digital Local Loop in Combination - Zone 2	First 4-wire DS1 Digital Looal Loop in Combination - Zone 3	First Mierotrice Fransport - Dedicated - DS1 combination - Per Mile Per Month	First Interoffice Transport - Dedicated - DS1 combination - Facility	(1 Channel System in combination per month	Per each DS1 COCI combination per month	ach Additional US1 Interoffice Channel per mile in same 3/1 harnel System per morth	Each Additional DS1 Interoffice Channel Facility Termination in	same 31 Channel System per month Each Additional DS1 COCI in the same 3/1 channel system	combriation per morth	Additional 4-Wire DS1 Digital Local Loop in Combination - Zone 1	Additional 4-Wire DS1 Digital Local Loop in Combination - Zone 2	Aditional 4-Wire DS1 Digital Local Loop in Combination - Zone 3	EXTENDED 4-WIRE 56 KBPS DIGITAL EXTENDED LOOP WITH DSO INTEROFFICE T	First 4-Wire 56 kpps Local Loop in combination - Zone 1 First 4-Wire 56 kpps Local Loop in combination - Zone 2	rst 4-wire 56 kbps Local Loop in combination - Zone 3	rst 4 wree 56 ldps Interoffice Transport - Dedicated - Per Mile	First 4-wre 56 kbps Interoffice Transport - Dedicated - Facility	EXTENDED 4-WIRE 64 KBPS DIGITAL EXTENDED LOOP WITH DSA INTERDED TO ANISDOPT	nst 4-wire 64 kbps Local Loop in combination - Zone 1	1st 4-Wire 64 kDps Local Loop in combination - Zone 2 st 4-wire 64 kDps Local Loop in combination - Zone 3	st I4-wre 65 kbps Interoffice Transport - Dedicated - Per Mile	Per month First 4-wire 64 kbps Interoffice Transport - Dedicated - Facility	ADDITIONAL NETWORK ELEMENTS	When used as a part of a currently combined facility, the non-recuring charges do not apply, but a Sw	use organism combined network elements in All States, the non- ing Currently Combined Network Elements "Switch As Is" Charge	eatures & Functions	Clear Channel Capability Extended Frame Option - per DS1	Nar Channel Capability Super FrameOption - per DS1	Clear Channel Capability (SF/ESF) Option - Subsequent Activity -		C-bit Parity Option - Subsequent Activity - per DS3	Wholesale to UNE, Switch-As-Is Conversion Charge	Urbunded Misc Rate Element, SNE SAI, Single Network Element	TELL AS IS INCIPIED UNITED OF INCIDIT (LOR)
UNBUNDLE	CATEGORY						EXTEN											<u> </u>			4	EXTEND					EXTEND			<u>u.</u> .		ADDITIONAL NET	When use	Nonrecur	Optional	0	_0	<u>U</u>		0		_ <u>5</u> <u>«</u>	1

Exhbit 1
Attach 2-TRRO Amendment
Exhbit A Rates
DettaCom

Comparison Com	SUNDLED	UNBUNDLED NETWORK ELEMENTS - Georgia	-											O P	Exh A			
New Year New Year	CATEGORY	RATE ELEMENTS		Pool	BCS	nsoc			RATES(\$)		<u> </u>	rc Order Submitted Submitt			thoremental Charge - Manual Svc Order vs Electronic- Add'I		charge - Charge - Manual Svc Order vs Electronic- Desc Add'l	
UHESP Gel 65 25.52				$\dag \uparrow$			Rec	Nonrect	П	Nonrecurring	tt		NAMOS	OSS	11	1	NOMAN	\coprod
MOT 6975 6610 1130 661 661 1010D 0.9963 1188 1139 661 661 661 1010D 0.9963 1188 1139 661 661 661 1010G 0.9689 1188 1139 661 661 661 1010G 0.4689 1188 1139 661 661 661 1010G 0.4689 1188 1139 661 661 661 1010G 0.00 1239 1581 1139 661 661 661 1010G 0.00 1239 1139 661 661 661 1010G 0.00 1239 1139 661 661 661 661 661 1010G 0.00 1239 1139 661 661 661 661 661 661 1010G 0.00 1139 1139 661	၂ ၁ ကိ	burdied Misc Rate Element, SNE SAI, Single Network Element - Mtch As is Nor-recuring Charge per circuit (Spreadsheet)	_	555	6	URESP		64 05								-		
UCICA 166 1581 1139 661 661 661 1010D 09963 1189 1139 661 661 661 1010G 09663 1189 1139 661 661 661 1010G 04689 1198 1139 661 661 661 1010G 04689 1198 1139 661 661 661 1010G 04689 1198 1139 661 661 661 1010G 04689 1198 1139 661 661 661 1010G 04689 1198 1139 661 661 661 1010G 04689 1198 1139 661 661 661 661 661 1010G 04689 1198 1139 661 661 661 1010G 04689 1198 1139 661 661 661 661 661 1010G 04689 1198 1	MULTIPLO	XER Interfaces St to DSo Channel System per month			П	MO1	69 75	96 10				\dagger						
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DUTCA 166 15 81 11 39 6 61 6 61	o ĕ	wre ISDN COCI (BRITE) - DS1 to DS0 Charmel System per print for a Local Loop		<u> </u>		UCICA	99	15.81	38	9	199							
101VG	N E B	wre ISDN COCI (BRITE) - DS1 to DS0 Charnel System - per anth used for connection to a charnelized DS1 Local Charnel in 8 same SWC as colocation		5 5		UCICA	8	15.81	11 39	661	661							
IDTVG	× 9	ouce Grade COCI - DS1 to DS0 Charnel System - per month ed for a Local Loop		3	×	1D1VG	1 &	11 98	11 39	661	661							L
MG2	× 9 8	nice Grade COCI - DS1 to DS0 Channel System - per month ed for connection to a channelized DS1 Local Channel in the me SWC as collocation		5	TUC	1D1VG	0 4689	11 98	11 39	661	199							
MG23	á	53 to DS1 Channel System per month		5		MQ3	121 90											
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1.56 1.6		S1 DSC Termination with DS0 Switching		H			19 65	24 90	18 92	15.04	11 95							Ц
URETD 268 92 47 10		S3 DSC Termination with DS1 Switching		+			125.62	18 18	12.20	15 04	8 05							
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UNETB 1.28	<u> </u>	10 - Charge in Facility Assignment per circut Service sarrangement	_	<u> </u>	ىٰ	URETD		268 92	47 10									
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OCOSR 18 89 18 8	Miscellane	ous	t	+				00 es	35 00			\dagger						
uit head of the TELRIC Coal Based Rates Plus \$1 00 in Accordance with the vill need to be ordered using retail USOCs UEPRIC 2 09 2 42 2 31 1 37 1 28 UEPRO 2 09 2 42 2 31 1 37 1 28 UEPRO 2 09 2 42 2 31 1 37 1 28		3C - Order Coordination Specific Time - Dedicated Transport		5	П	OCOSR		18 89	18 89			Ħ						
Will need to be ordered using rebal USOCs 2 42 2 31 1 37 UEPRL 2 09 2 42 2 31 1 37 UEPRC 2 09 2 42 2 31 1 37 UEPRO 2 09 2 42 2 31 1 37	The Exchi	Activate Switching Port Rates Reflected Here Apply to Embedded	d Base Sw	tching	Ports as of March	10, 2005 and C	onsist of the Ta	ELRIC Cost Ba	sed Rates Plus	\$1 00 in Acco	rdance with the T	RRO						
UEPRL 2 09 2 42 231 137 UEPRC 2 09 2 42 2 31 1 37 UEPRO 2 09 2 42 2 31 1 37	NOTE AL	hough the Port Rate includes all available features in GA, KY,	LA & TN	the desi	訇	sed to be order		USOCs			- - - -	11						
UEPRC 2 09 2 42 2 31 1 37 UEPRO 2 09 2 42 2 31 1 37	E C	DICE GHADE LINE PORT HALES (HES) Change Ports - 2 Wire Analog Line Port-Res			П	UEPRL	5 09	2 42	231	137	1 28		1					∐
UEPSR UEPRO 2 09 2 42 2 31 1 37	<u>ű</u>	change Ports - 2 Wire Analog Line Port with Caller ID - Res		띩		UEPRC	2 09	2 42	231	137	1 28							_
	<u> </u>	change Ports - 2-Wire Analog Line Port outgoing only - Res		5		UEPRO	5 09	2 42	231	1 37	1 28							
	300	44.4															ċ	į

Exhubit 1
Attach 2-TRRO Amendment
Exhubit A Rates
DeltaCom

Exhibit 1	Attach 2-1 HHO Amendment	Exhibit A Rates	DeltaCom
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UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia										$\overline{}$	Attachment 2 Exh A	Exh A			
		_							Ś	_	_	hcremental	Incremental	ncremental	Incremental	
V000014				9			(4)001		vī		D -		٥	Charge - Manual Svc	Charge - Manual Svc	
CALEGORY	HAIE ELEMENIS		SOB SOB	2080		•	HA! E5(\$)		<u> </u>	RS 184	Per LSR F	Order va Electronic- 1st	Order vs Electronic- Add'i	Order va Electronic- Disc 1st	Order vs Electronic- Disc Add'I	
		H			88	Nonrecurring	Addil	Nonrecurring Disconnect	Sconnect	SOMEC	SOMAN	SOMAN	OSS Rates(\$)	SOMAN	SOMAN	
NOTE	Transmission/usage charges associated with POTS circuit switt	hed usage	e will also apply to cl	circuit switched voice and/or	oce and/or circu	crount switched data transmission by B-Channels associated with 2-wire ISDN ports	ansmission by	y B-Channels a:	ssociated with 2	-wire ISDN	ports					
NOTE 2-WIRE	NOTE Access to B Channel or D Channel Packet capabilities will be available only through BFR/Ney 2-WIRE VOICE GRADE LINE PORT RATES (DID)	table ont	y through BFR/New I	Susmess Reque	st Process Rate	se for the packet c	apabifties will	be determined	via the Bona Fi	de Request/	New Busin	asa Request i	Process			
	Exchange Ports - 2-Wire DID Port	\prod	UEPEX	UEPP2	650	122 26	18 65	54 82	3.45							
2-WIRE	2-WIRE VOICE GRADE LINE PORT RATES (SDN-BRI) Exchange Ports - 2-Wire ISDN Port (See Notes below)	+	UEPTX. UEPSX	UIPMA	7 09	76 39	5150	45.67	10 36	+	-					
	All Features Offered	H	UEPTX, UEPSX	SX UEPVF 0.7	0 775	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000									
NOTE	Exchange Ports - 2-Wire ISDN Port - Channel Profiles Transmission/usage charges associated with POTS circuit swith	hed usage	UEPTX, UEPSX a will also apply to co	cut switched vo	0 00 l	0 00 list in the control of the cont	o o o	v B-Channels as	ssociated with 2	WITE SDN	- spice					T
NOTE	Access to B Channel or D Channel Packet capabilities will be av	ilable on	y through BFR/New I	Susmess Reques	t Process Rate	s for the packet c	apabilities will	be determined	via the Bona Fi	de Request/	New Busine	Fide Request/New Business Request Process	Process			
UNBUN	UNBUNDLED PORT with REMOTE CALL FORWARDING CAPABLITY UNBUNDLED REMOTE CALL FORWARDING SERVICE - RESIDENCE	\parallel														
	Unbundled Remote Call Forwarding Service, Area Calling, Res	\forall	UEPVR	UERAC	2 09	2 42	231	137	128							
	Unbundled Remote Call Forwarding Service Local Cating - Res		UEPVR	UERIC	5 09	2 42	231	1 37	1 28							
	Unbundled Remote Call Forwarding Service, InterLATA - Res Urbundled Remote Call Forwarding Service, Intra LATA - Res	+	UEPVR	UERTE	209	2 42	231	137	128							
Non-Recurring	curring	H														П
	Urbundled Remote Call Forwarding Service - Conversion - Switch- 89-18		UEPVR	USAC2	·	201	031			_	•					
	Urbundled Remote Call Forwarding Service - Conversion with allowed channe (PIC and LPIC)		LIEPVB	USACC		204	0.31									
UNBUN	UNBUNDLED REMOTE CALL FORWARDING - Bus	\prod		2000												
	Urbundled Remote Call Forwarding Service, Area Calling - Bus		UEPVB	UERAC	2 09	2.42	231	137	128							
	Unbundled Remote Call Forwarding Service, Local Calling - Bus		UEPVB	UERIC	2 09	2 42	231	1 37	1 28		-				-	
	Urbundled Remote Call Forwarding Service, InterLATA - Bus	\parallel	UEPVB	UERTE	200	2 42	231	137	128	H						
	Urbundled Remote Call Forwarding Service Expanded and	+	DEFVD	בונים	S	747	157	è	071		į				-	
Non-Recurrent	Exception Local Caling	+	UEPVB	UERVJ	509	2 42	231	137	128	\dagger	+					
	Urbunded Remote Call Forwarding Service - Conversion - Switch	\vdash	9	00 4 01 1			ā									
	us-is Unbundled Remote Call Forwarding Service Conversion with	+	OEPVB	USACZ		50.7	150									
UNBUNDLED	allowed change (PIC and LPIC)	+	UEPVB	USACC		2 01	031			t						
End Off	ice Switching (Port Usage)	H														П
	End Office Switching Function, Per MOU End Office Trunk Port - Shared, Per MOU	+			0 0001226	+			-							
Tanden	Switching (Port Usage) (Local or Access Tandem)															П
	Tandem Switching Function Per MOU Tandem Trunk Port - Shared, Per MOU	+			0 0000972		+	1		\dagger						T
	Tandem Switching Function Per MOU (Metded)	\parallel			0 000017904											
Melded	Mekled Factor 18 42% of the Tandem Rate	H			0 0000000											
Commo	Common Transport Common Transport - Per Mile Per MOI	\dagger			2000000		1	1					1			
	Common Transport - Facilities Termination Per MOU	H			0 0001914											
JNBUNDLED P	ORT/LOOP COMBINATIONS - COST BASED RATES 18896 Rates are applied where BellSouth is required by FCC and/	r State Co	ommission rule to or	vide Unbundled	Local Switching	a or Switch Ports										
>The U	NE-P Switching Port Rates Reflected in the Cost Based Section /	pph to Er	mbedded Base UNE-	Ps as of March 1	0, 2005 and Con	Isst of the TELRIC	C Cost Based	Rates Plus \$1 0	00 in Accordance	with the T	RRO					
> Featur > End O	> Prestures shall apply to the Unharded PortLoop Combination - Cost Based Rate section in the same manner as they are applied to the Stand-Alone Unharded Port section of this Hate Exhibit. SEND of fice and Tanden in the Common Transport Usage makes in the Port section has rate shall be a controlled to the Common Transport Usage makes in the Port section has rate and an another in the Workscurran of parces after the Northcourse of Combined	sed Rate rates in Combine	section in the same i the Port section of the ad Combos For Cum	nanner as they a us rate exhibit si antly Combined (re applied to the hall apply to all co Combos the non	Stand-Alone Unb ombinations of loc recurring charges	op/port networ	ection of this Ri rk elements exc e identified in th	ate Exhibit.	xn Port/Loo	Combined s	ons		!		\prod
2-WIRE	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT (RES) UNE PortL con Combination Rates	\parallel								\parallel						
	2 Wire VG Loop/Port Combo - Zone 1				11 46											
	2-Wire VG Loop/Port Combo - Zone 2	H			16 76			+		\parallel	+		+			
UNE Lo	op Rates	H			3		\prod			\parallel	\prod					П
$\frac{1}{1}$	2-Wra Voice Grade Loop (SL1) - Zone 1 2 Wire Voice Grade Loop (SL1) - Zone 2		1 UEPRX 2 UEPRX	UEPLX	956			†		†	+	+	1		T	T
	2-Wire Voice Grade Loop (SL1) - Zone 3	H	3 UEPRX	UEPLX	31 66					H						П

Exhibit 1 Attach 2-TRRO Amendmen	Exhibit A Rates	DeltaCom
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Part Part	UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment 2 Exh A	Exh A			
Part Part				-							5	vc Order S		ncremental	ental	┰	ncremental	T
	CATEGORY	RATE ELEMENTS		P.C	BCS	nsoc			RATES(\$)		<u> </u>	Submitted S Elec per LSR					Charge - Manual Svc Order vs	
											,						Electronic- Disc Add'l	
				${\mathbb H}$			Bec	Nonrect	H	Nonrecurring D	Н	1 F		SSO	Rates(\$)			
UEPRX UEPRX UEPRX 19019 1006 738 137 UEPRX UEPRX UEPRX 18019 1005 738 137 UEPRX UEPRX UEPRX 18019 1005 738 137 UEPRX UEPRX UEPRY 18019 1005 738 137 UEPRX UEPRX UEPRX 18010 1005 738 137 UEPRX UEPRX UEPRX 0000 000 000 000 UEPRX	2-Wire	Voice Grade Line Port Bates (Res)	\downarrow	+			1	First	\dagger	First	Ť	4	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
UEPRX UEPRX 19019 10.06 7.36 1.37 UEPRX UEPRX UEPRX 19019 10.06 7.36 1.37 UEPRX UEPRX UEPWC 19019 10.05 7.36 1.37 UEPRX UEPWR 1.9019 10.05 7.36 1.37 UEPRX UEPRX UEPWR 1.9019 10.05 7.36 1.37 UEPRX UEPRX UEPRX UEPRX 0.00 0.00 0.00 0.00 UEPRX UEPRX UEPRX UEPRX 0.00 0.00 0.00 0.00 UEPRX UEPRX UEPRX 0.00 0.00 0.00 0.00 UEPRX UEPRX UEPRX 0.00 0.00 0.00 0.0		2-Wire voice unbundled port - residence		Ē		UEPAL	1 9019	10 05	7 36	137	1 28		\dagger					T
UEPRX UEPRX UEPRX 19019 1006 736 197 UEPRX UEPRX 18019 1006 736 137 UEPRX UEPRX 18019 1005 736 137 UEPRX UEPRX 18019 1006 736 137 UEPRX UEPRX 18019 1006 736 137 UEPRX UEPRX 18019 1006 736 137 UEPRX UEPRX 18010 1006 736 137 UEPRX UEPRX 18010 1006 736 137 UEPRX UEPRX UEPRX 19010 010 010 010 UEPRX		2-Wire voice unbundled port with Caller ID - res		Ë		UEPRC	1 9019	10 05	7.36	1 37	1 28							
UEPRX UEPRX 1 8019 1 0 05 7 36 1 37 UEPRX UEPRX 1 8019 1 0 05 7 36 1 37 UEPRX UEPRX 1 8019 1 0 05 7 36 1 37 UEPRX UEPRX UEPRY 1 8019 1 0 05 7 36 1 37 UEPRX UEPRX UEPRY 1 8019 1 0 05 7 36 1 37 UEPRX UEPRX UEPRY 1 8019 1 0 05 7 36 1 37 UEPRX UEPRX UEPRX UEPRX 0 0 0 0 0 0 0 10 UEPRX UEPRX UEPRX 0 0 0 0 0 0 0 0 0 0 10 UEPRX UEPRX UEPRX UEPRX 0 0 0 0 0 0 0 0 0 UEPRX UEPRX UEPRX UEPRX 0 0 0 0 0 0 0 0 0 UEPRX UEPRX UEPRX UEPRX 0 0 0 0 0 0 0 0 0 UEPRX UEPRX UEPRX UEPRX UEPRX <td< th=""><th></th><th>2-Wire voice unbundled port outgoing only - res</th><th>+</th><th>픠</th><th></th><th>UEPRO</th><th>1 9019</th><th>10 05</th><th>7.36</th><th>137</th><th>1.28</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>		2-Wire voice unbundled port outgoing only - res	+	픠		UEPRO	1 9019	10 05	7.36	137	1.28							
UEPRX UEPWC 19019 10.05 7.38 1.97 UEPRX UEPWC 19019 10.05 7.38 1.97 UEPRX UEPWC 19019 10.05 7.38 1.37 UEPRX UEPWC 1.9019 10.05 7.38 1.37 UEPRX UEPWC 1.9019 10.05 7.38 1.37 UEPRX UEPWC 0.773 0.00 0.00 1.37 UEPRX UEPWC 0.773 0.00 0.00 1.37 UEPRX UEPRX UEPRX 0.00 0.00 0.00 0.00 UEPRX UEPRX UEPRX 0.00 0.00 0.00 0.00 0.00 UEPRX UEPRX UEPRX UEPRX 0.00 0.00 0.00 0.00 0.00 0.00 UEPRX UEPRX UEPRX UEPRX 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00		(LUM)		<u>S</u>	РВХ	UEPAP	1 9019	10 05	7 36	1 37	1 28							
UEPRX UEPWC 1 9019 1 0 05 7 36 1 37 UEPRX UEPWY 1 9019 10 05 7 36 1 37 UEPRX UEPWY 1 9019 10 05 7 36 1 37 UEPRX UEPWY 1 9019 10 05 7 36 1 37 UEPRX UEPWY 1 9019 10 05 7 36 1 37 UEPRX UEPWY 0 775 0 00 0 00 0 00 UEPRX UEPWY 0 775 0 00 0 00 0 00 0 00 UEPRX UEPRX UEPRX UEPRX 0 00 </th <th></th> <th>2 Wire voice urbundled Georgia basic dialing port without Caller ID capability - res</th> <th></th> <th> =</th> <th>PRX</th> <th>IFPWC</th> <th>1 0010</th> <th>50.05</th> <th>7 26</th> <th>127</th> <th>9</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		2 Wire voice urbundled Georgia basic dialing port without Caller ID capability - res		=	PRX	IFPWC	1 0010	50.05	7 26	127	9							
UEPRX UEPRX 1 9019 10 05 7 36 1 37 UEPRX UEPRX UEPRY 1 9019 10 05 7 36 1 37 UEPRX UEPRX UEPRY 1 9019 10 05 7 36 1 37 UEPRX UEPRX UEPRY 1 9019 10 05 7 36 1 37 UEPRX UEPRX UEPRX UEPRX 0 10 0 10 0 10 UEPRX UEPRX UEPRX UEPRX 0 00 0 00 0 00 UEPRX UEPRX UEPRX UEPRX 1 0 00 0 00 0 00 UEPRX UEPRX UEPRX UEPRX 1 0 00 0 00 0 00 UEPRX UEPRX UEPRX UEPRX 1 0 00 0 00 0 00 UEPRX UEPRX UEPRX UEPRX 0 00 0 00 0 00 UEPRX UEPRX UEPRX 0 00 0 00 0 00 0 00 UEPRX UEPRX UEPRX 0 00		2-Wire voice unbundled Georgia basic disting port for use with Caller ID - res			XHd	OMEDWO	1 9019	10.05	7.36	3.	80							
UEPRX UEPRX 19019 1005 736 137 UEPRX UEPRX 19019 1006 736 137 UEPRX UEPRX UEPRX 19019 1005 736 137 UEPRX UEPRX UEPRX UEPRX 0.00 0.00 0.00 UEPRX USACC 0.10 0.10 0.10 0.10 0.10 UEPRX USACC 0.10 0.10 0.10 0.10 0.10 UEPRX USACC 0.10 0.00 0.00 0.00 0.00 UEPRX UREACD 0.00 0.00 0.00 0.00 0.00 UEPRX UREACD 1.051 40.02 9.99 6.61 1.02 UEPRX UREACD 1.051 40.02 9.99 6.61 1.02 UEPRX UREACD 1.051 40.02 9.99 6.61 1.02 UEPRX UREACD 1.051 7.06 1.02 1.02		2-Wire voice unburdled Georgia basic diafing bort - outnoing only			X	IEPWB	950	10.05	7 26	1 97								
UEPRX UEPRX UEPRX 19019 1005 736 137 UEPRX UEPRX UEPRX 19019 1005 736 137 UEPRX UEPRX UEPRX 0.00 0.00 0.00 137 UEPRX USAC2 0.10 0.10 0.10 0.10 0.10 UEPRX USAC2 0.00 0.00 0.00 0.00 0.00 UEPRX URECC 0.10 0.10 0.10 0.10 0.10 UEPRX URECC 0.10 0.00 0.00 0.00 0.00 UEPRX URECC 0.10 0.00 0.00 0.00 0.00 UEPRX URECC 0.00 0.00 0.00 0.00 0.00 UEPRX UREACD 11.57 7.00 9.96 561 UEPRX UEREC 11.55 7.00 9.96 561 UEPRX UEREC 11.56 7.00 9.96 561		2-Wire voice unbundled Low Usage Line Port without Caller ID		-			3	2	3	Š.	2							
UEPRX UEPRX UEPRY 0.775 0.06 7.36 1.37 UEPRX UEPRX UEPRX UEPRX 0.10 0.10 0.10 UEPRX USAC2 0.10 0.10 0.10 0.10 UEPRX USAC2 0.10 0.10 0.10 UEPRX USAC2 0.00 0.00 0.00 USAC2 0.00 0.00 0.00 0.00 USAC2 0.00 0.00 0.00 0.00 USAC3 0.00 0.00 0.00 0.00 USAC3 0.00 0.00 0.00 0.00 USAC3 0.00 0.00 0.00 0.00 USAC4 0.00 0.00 0.00		2-Wire Voice Grade Unbundled Port without Caller ID, Georgia	\downarrow			UFPRV	1 9019	10.05	7.36	137	128					1		Ī
UEPRX UEPW 0775 000 000 UEPRX USAC2 010 010 UEPRX USAC2 010 010 UEPRX USAS2 000 000 UEPRX USAS2 000 000 UEPRX USAS2 000 000 1 UEPRX USAS2 000 000 2 UEPRX USAS2 000 000 3 UEPRX USAS2 000 000 1 UEPRX USAS2 000 000 2 UEPRX USAS2 000 000 3 UEPRX USAS2 000 000 1 UEPRX USAS2 000 000 2 UEPRX USAS2 000 000 3 UEPRX USAS2 000 000 1 UEPRX USAS2 000 000 1 UEPRX USAS2 000 000 1 UEPRX USAS2 000 000 1 UEPRX USAS2 000<		2-Wire Voice Grade Unbundled Port with Caller ID, Georgia				UEPRU	1 9019	10 05	7.36	137	128						T	
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re voice urbundled Incoming Only Port without Caller ID UEPBX UEPBE 1 9019 10 05 7 36 1 37 1		2 Wire voice unbundled Georgia basic dialing port for use with Caller ID · bus		Ë		UEPWP	1 9019	10 05	7 36	137	128							
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Exhibit 1 Attach 2-TRRO Amendment Exhibit A Rates DeltaCom
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1 UEPRG UEPLX 19.66 2 UEPRG UEPLX 31.68 3 UEPRG UEPLX 31.68 1 UEPRG UEPVF 0.775 0.00 0.00 UEPRG UEPVF 0.775 0.00 0.00 UEPRG UEPVF 0.775 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAC2 0.00 0.00 0.00 UTVZ 1.1 UEPRG SDDZX 12.74 56.92 7.70 4.40 UEPRG SDDZX 12.74 56.92 7.70 4.40 UEPRG SDDZX 12.74 56.92 7.70 4.40 UEPRG SDDZX 12.74 56.92 7.70 4.40 UEPRG SDDZX 12.74 56.92 7.70 4.40 UEPRG UTTVM 0.0057 0.00 0.00	ONE	cop Rates															
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UEPRG UEPRD 19019 10.06 7.36 1.37 UEPRG USAC2 0.10 0.10 0.10 UEPRG USAC2 0.10 0.10 0.10 UEPRG USAC2 0.00 0.00 0.00 UEPRG USAS2 0.00 0.00 0.00 UEPRG UNFIL 6.70 6.70 6.70 UEPRG UNFIL 8.33 0.83 18.82 UEPRG PZHK 11.67 7.9 65 24.65 18.92 UEPRG PZHK 11.67 7.9 65 24.65 18.92 UEPRG PZHK 13.74 56.92 7.70 4.40 2 UEPRG SDDZX 19.78 56.92 7.70 4.40 2 UEPRG U1TV2 12.87 48.46 19.48 16.58 UEPRG U1TV2 12.87 48.46 19.48 16.58 UEPRG U1TV2 12.87 48.46 19.48 16.58	2-WI	Voice Grade Line Port Rates (RES - PBX)															
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UEPRG USASZ 0.00		Conversion - Switch As-Is		UEPRG	USAC2		010	010									
UEPRG USAS2 0.00		2-Wire Voice Grade Loop/ Line Port Combination (PBX) - Conversion - Switch with Change		UEPRG	USACC		0 10	010	·								
UEPRG USAS2 0.00 0.00 0.00	ADD	IONAL NRCs															
UEPRG URETL 8.33 0.83 18.92 18.92 18.92 18.92 18.92 18.92 19.94 19.94 19.94 19.94 19.94 19.94 19.95	-	2 Wire Voice Grade Loop/ Line Port Combination (PBX) - Subsequent Activity		UEPRG	USAS2	000	000	00 0									
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1 UEPRG P2.HK 33 08 79 65 24 65 18 92 1 UEPRG SDD2X 12 74 56 92 7 70 4 40 2 UEPRG SDD2X 19 76 56 92 7 70 4 40 3 UEPRG SDD2X 37 18 56 92 7 70 4 40 UEPRG SDD2X 37 18 56 92 7 70 4 40 UEPRG SDD2X 37 18 56 92 7 70 4 40 UEPRG UITV2 12 87 48 46 19 48 16 58 UEPRG UITV2 12 87 48 46 19 48 16 58 UEPRG UITVM 0 0057 0 00 0 00 0 00 UITVM UITV		Local Charmel Voice grade, per termination	2	UEPRG	P2JHX	16 95	79 85	24 65	18 92	787							
1 OLF HG SDUZX 12.4		Local Channel Voice grade, per termination	6	UEPRG	PzJHX	33 08	79 85	24 65	18 92	787							
3 UEPRG SDD2X 3718 56.92 770 440	1	Non-Wire Direct Serve Charmel Voice Grade Non-Wire Direct Serve Charmel Voice Crade	- -		SDD2X	12 74	56 92	7 70	4 40	200	1						T
UEPRG UITV2 12.87 48.46 19.48 16.58 UEPRG UITVM 0.0057 0.00 0.00	+	Non-Wire Direct Serve Charnel Voice Grade	160		SDD2X	37 18	26 95	7.70	4 40	0 02	T	T				†	T
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UEPRG U1TVM 0.0057 0.00 0.00		Interoffice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination		UFPBG	UT TVS	12.87	48 46		16.58	2 00							
UEPRG UITVM 0.0057 0.00	H	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile	-									l					
	2-WIF	or Fraction Mile F VOICE GRADE LOOP WITH 2-WIBE LINE PORT /BLIS - PRX)	+	UEPRG	UTVM	0 0057	80	80					1	1		1	
	UNE	or/Loop Combination Rates	\prod				\prod		\prod			Ħ				\prod	\prod
	-	2-Wire VG Loop/Port Combo - Zone 1	$\frac{1}{2}$			11 46			7	1	1	4	1		1		7

Exhibit 1 Attach 2-TRRO Amendment	Exhibit A Hates DeltaCom
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The third The color The	UNBUND	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment 2 Exh A	Exh A		-	
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1				+			2	Nonrec	П	Nonrecurring	Н	1 -	NAMA O	1 550	Rates(\$)	100		
1 UEPPX UEPX 18 18 1971 1		2 Wire VG Loop/Port Combo - Zone 2		H			16 76		T		十	+	Name of the last	N COMPAN	NAMOO	OC MORE	SOME	Ī
1	IN.	2 Wire VG Loop/Port Combo - Zone 3		H			33 56											
1 1 1 1 1 1 1 1 1 1		2-Wire Voice Grade Loop (SL 1) - Zone 1	1	=	Xdd	I IEPI X	95.6		1		+	1	T		†			
1 1 1 1 1 1 1 1 1 1		2-Wire Voice Grade Loop (SL 1) - Zone 2		Т	PPX	UEPC	14 86						\dagger	ľ	\dagger			
Fig. 10	2-Wr	2-Wire Voice Grade Loop (SL 1) - Zone 3 re Voice Grade Line Port Rates (BUS - PBX)		П	Xdd	UEPLX	31 66											\prod
Bear Lieppy Lie		Line Side Unburdled Combination 2-Way PRX Trials Port - Rise		-=	Xdd	JEDDO	9	40.05	7.36	1 27	90							
Beach		Line Side Unburdled Outward PBX Trunk Port - Bus	\dagger		Xdd	UEPPO	1 9019	10 05	7 36	137	1 28					†		
New York UEPPX		Line Side Unburdled Incoming PBX Trunk Port - Bus			Хдд	UEPP1	1 9019	10 05	7.36	137	1 28							
Per Per		2-Wire Voice Unbundled PBX LD Ferning Ports 2-Wire Voice Unbundled 2-Way Combination PBX Usage Port	\dagger		Xdd	UEPLD	1 9019	10 05	7.36	137	128	†						
## Part UEPPX UEPX 19019 1005 736 137 ### Part UEPPX UEPX 19019 1005 736 137 ### Part UEPPX UEPX 19019 1005 736 137 ### Part UEPPX UEPX 19019 1005 736 137 ### Part UEPPX UEPX 19019 1005 736 137 ### Part UEPPX UEPX 19019 1005 736 137 ### Part UEPPX UEPX 19019 1005 736 137 ### Part UEPPX UEPX UEPX 19019 1005 736 137 ### Part UEPPX UEPX UEPX 19019 1005 736 137 ### Part UEPPX UEPPX UEPY 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 137 ### Part UEPPX UEPPX UEPPC 19019 1005 736 1802 ### Part UEPPX		2-Wire Voice Unburdled PBX Toll Terminal Hotel Ports			ХДД	UEPXB	1 9019	10 05	7.36	137	128							
Ober Port IDD UEPPX UEPXE 19019 10.05 7.36 1.37 Pital Economy UEPPX UEPX 1.9019 10.05 7.36 1.37 Pital Economy UEPPX UEPX 1.9019 10.05 7.36 1.37 Art - Way Traft UEPPX UEPX 1.9019 10.05 7.36 1.37 Art - Way Traft UEPPX UEPPX UEPW 1.9019 10.05 7.36 1.37 Art - Way Traft UEPPX UEPPX UEPW 1.9019 10.05 7.36 1.37 Art - PBX LD UEPPX UEPPX UEPPX UEPPX 1.9019 10.05 7.36 1.37 Art - PBX LD UEPPX UEPPX UEPPX UEPPX 1.9019 10.05 7.36 1.37 Art - PBX LD UEPPX UEPPX UEPPX UEPPX 0.010 0.05 0.00 0.00 Art - PBX LD UEPPX UEPPX UEPPX 0.00 0.00 0.00		2-Wire Voice Unburdled PBX LD DDD Terminals For 2-Wire Voice Unburdled PBX LD Terminal Switchboard Port	\dagger	3 3	PPX	UEPXC	1 9019	10 05	7.36	1 37	1 28					+		
ptall Economy LEPPX UEPX 19019 1005 736 137 1 ptall Economy UEPPX UEPX 19019 1005 736 137 1 AriashHospidal UEPPX UEPX 19019 1005 736 137 1 Ari - S-Way Trank UEPPX UEPPX 19019 1005 736 137 1 Ari - S-Way Trank UEPPX UEPPX UEPPX UEPPX 19019 1005 736 137 1 Ari - S-Way PBX UEPPX UEPPX UEPPX UEPPX 19019 1005 736 137 1 Ari - PBX LD Tri - PBX LD 19019 1005 736 137 1 Ari - PBX LD Tri - PBX LD 19019 1005 736 137 1 Ari - PBX LD Tri - PBX LD 19019 1005 736 137 1 Ari - PBX LD UEPPX UEPPX UEPPX UEPPX UEPPX USAG2		2-Wire Voice Urbundled PBX LD Terminal Switchboard IDD Capable Port		5	Xdd	UEPXE	1 9019	10.05	7.36	137	1.28							
Pipel Economy UEPPX UEPXM 19019 1005 736 137 1 Art - New Journal UEPPX UEPX 19019 1005 736 137 1 Art - L-Way Trank UEPPX UEPPX 19019 1005 736 137 1 Art - L-Way Trank UEPPX UEPPX 19019 1005 736 137 1 Art - S-Way Trank UEPPX UEPPX 19019 1005 736 137 1 Art - PBX LD UEPPX UEPPX UEPPX 19019 1005 736 137 1 Art - PBX LD HOPEX UEPPX 19019 1005 736 137 1 Art - PBX LD HOPEX UEPPX UEPPC 19019 1005 736 137 1 Art - PBX LD UEPPX UEPPX UEPPC 19019 1005 736 137 1 Art - PBX LD UEPPX UEPPX UEPPC 19019 100		2-Wire Voice Urbundled 2-Way PBX Hotel/Hospital Economy Administrative Calling Port		5	Xdd	UEPXI	1 9019	10.05	7.36	137	1.28							
Vesesuad Poort LEPPX UEPPX 1 9019 1 005 7 36 1 37 1 1 Art - Way Outdat UEPPX UEPPX 1 9019 1 005 7 36 1 37 1 1 Art - S.Way Trank UEPPX UEPPX 1 9019 1 005 7 36 1 37 1 1 Art - PBX LD UEPPX UEPPX UEPPY 1 9019 1 005 7 36 1 37 1 1 Art - PBX LD UEPPX UEPPX 1 9019 1 005 7 36 1 37 1 1 Art - PBX LD UEPPX UEPPX UEPPY 1 9019 1 005 7 36 1 37 1 1 Art - PBX LD UEPPX UEPPX UEPPX UEPPX 1 9019 1 005 7 36 1 37 1 1 Art - PBX LD UEPPX UEPPX UEPPX UEPPX 0 775 0 00 0 00 0 00 COMBINED UEPPX UEPPX UEPPX UEPPX UEPPX 0 00 0 00 0 00 COMBINED		2-Wire Voice Urburdled 2-Way PBX Hotel/Hospital Economy Room Calling Port		=	Xdd	MXGSI	8	900	20.7	1.97	9		-					
Westured Port UEPPX UEPX 19019 1005 736 137 1		2 Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital		3			200		3	2	07							
IntWay Oudel UEPPX UEPVX 1 8019 1005 7 36 1 37 1 IntWay Oudel UEPPX UEPPX UEPPX 1 8019 1005 7 36 1 37 1 IntPBX LD UEPPX UEPPX 1 8019 10 05 7 36 1 37 1 IntPBX LD I		Discount Room Calling Port 2-Wire Voice Unburdled 1-Way Orthorns PRX Measured Port	1	빌	Xdd	UEPXO	1 9019	10.05	7.36	137	128							
ATT - EWey Trank UEPPX UEPWY 1 9019 1005 7 36 1 37 1 ATT - EWey Trank UEPPX UEPPX 1 9019 1005 7 36 1 37 1 ATT - PBX LD THE PBX L		2 Wire voice unbundled Georgia basic dialing port - 1-Way Oudial		<u> </u>	411	מלאמ	200	90	8	2	82							T
and - 2-Way Trank UEPPX UEPPX UEPPY 1 9019 1005 7 36 1 37 1 ort - PBX LD In PBX LD 1 9019 1 0016 7 36 1 37 1 ort - PBX LD In PBX LD 1 9019 1 005 7 36 1 37 1 ort - PBX LD In PBX LD 1 9019 1 005 7 36 1 37 1 ort - PBX LD In PBX LD 1 9019 1 005 7 36 1 37 1 ort - PBX LD In PBX LD 1 9019 1 005 7 36 1 37 1 ort - PBX LD In PBX LD 1 9019 1 005 7 36 1 37 1 ort - PBX LD UEPPX UEPPX UEPPX UEPPX 1 9019 1 005 7 36 1 37 1 ort PBX LD UEPPX UEPP		Trunk	†	븨	Xdd	UEPWS	1 9019	10 05	7.36	137	128							
OCMBINED COMBINED 19019 1006 736 137 1 II - PBX LD 1 9019 1005 736 137 1 III - PBX LD 1 9019 1005 736 137 1 III - PBX LD 1 9019 1005 736 137 1 III - PBX LD 1 9019 1005 736 137 1 III - PBX LD 1 9019 1005 736 137 1 III - PBX LD 1 9019 1005 736 137 1 III - PBX LD 1 9019 1005 736 137 1 III - PBX LD 1 9019 1005 736 137 1 III - PBX LD 1 9019 1005 736 137 1 III - PBX 1 UEPPX UEPPX UEPPX 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00		2-Wire voice unburdled Georgia basic dialing port - 2-Way Trunk		当	ХД	UEPWT	1 9019	10.05	7 36	137	1 28							
In PBX LD In PBX LD <t< td=""><td></td><td>2 Wire voice unburdled Georgia basic dialing port - 2-way PBX Trunk</td><td></td><td>ä</td><td>Xdd</td><td>UEPPO</td><td>1 9019</td><td>10 05</td><td>7 36</td><td>137</td><td>1 28</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		2 Wire voice unburdled Georgia basic dialing port - 2-way PBX Trunk		ä	Xdd	UEPPO	1 9019	10 05	7 36	137	1 28							
Int. PBX Tol Int. PBX Tol Int. PBX Tol Int. PBX Tol Int. PBX LD DDD	-	2-Wire voice urbundled Georgia basic dialing port - PBX LD Terminal Ports					1 9019	10 05	7 36	137	128							
Int. PBX LD DDD 1 9019 10 05 7 36 1 37 1 Int. PBX LD Int.		2-Wire voice unbundled Georgia basic dialing port - PBX Toll Terminal Ports					1 9019	10.05	7.36	1.37	867							
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 | 137 | UEPCO UEPCQ 19019 10.05 7.36 1.37 1 | CODIII | UEPCH 19019 10.05 7.36 1.37 1 |
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 | 123011 | 833 | Port Combo - Zona 1 | | | 1 UEPFR UECF2
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BROOD OF THE STATE	CATEGORY RATE ELEMENTS		TEROFFICE TRANSPORT
 | WIRE VOICE GRADE LOOP WITH 2-WIRE ANALOG LINE COIN PI | NE Port/Loop Combination Rates | 2-Wire VG Coin Port op Combo – Zone 1 | 2-Wire VG Coin Port/Loop Combo - Zone 3 | VE Loop Rates 2-Wite Voice Grade och (SL1) Zonn 4
 | 2 Wire Voice Grade Loop (SL1) - Zone 2 | 2-Wire Voice Grade Loop (SL1) - Zone 3 | Wire Voice Grade Line Ports (COIN) | 2 Wire Coin 2 Way with Operator Screening and Rocking 011 | 900/976, 1+DDD (GA)
 | 2 Wire Coin 2-Way with Operator Screening and 011 Blocking [GA] | 2-Wire Coin 2-Way with Operator Screening and 900/976 Blocks | 2-Wire Coin 2-Way with Operator Screening and Blocking | 900/976, 1+DDD, 011+, and Local (GA) | (GA, KY, MS)
 | 2-Wire Coin Outward with Operator Screening and Blocking | 2-Wire 2-Way Smartline with 900/976 (all states except LA) | 2 Wire Com Outward Smartine with 900/976 (a) states execut to | DITIONAL UNE COIN PORTALOOP (RC) | UNE Com Port/Loop Combo Usage (Fat Rate) NRECURRING CHARGES - CURRENT V COMBINED
 | 2-Wire Voice Grade Loop / Line Port Combination - Conversion | 2-Wire Voice Grade Loop / Line Port Combination - Conversion | Switch with change | 2-Wire Voice Grade Loop/Line Port Combination - Scheenung | Activity
 | Unbundled Miscellaneous Rate Element, Tag Loop at End User Premise | I'ME VOICE LOOP/ 2WIRE VOICE GRADE IO TRANSPORT/ 2-WIR | 2-Wire VG Loop/IO Transort/Port Combo - Zone 1 | 2-Wire VG Loop/IO Tranport/Port Combo - Zone 2 | 2-Wire VG Loop/IO Tranport/Port Combo - Zone 3 | 2-Wire Voice Grade Loop (SL2) - Zone 1
 | 2-Wire Voice Grade Loop (SL2) - Zone 2 | 2-Wire Voice Grade Loop (SL2) · Zone 3 be Voice Grade Line Port Rates (Res) | 2-Wire voice unburdled port - residence | 2-Wire voice unbundled port with Caller ID - res | 2-Wire voice unbundled port outgoing only - res
 | (LUM) | 2-Wire voice unbundled Georgia basic dialing port, without Caller III) canability a rea | 2-Wre voice unbundled Georgia basic dialing port for use with | Caller ID - res
 | 2-Wire voice unbundled Georgia basic dialing port - outgoing only |
| | | RATE ELEMENTS https://doi.org/10.00000000000000000000000000000000000 | Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 3 Exh A Attachm | Attachment 2 Esh A Attachment 2 Esh A Attachment 2 Esh A Attachment 2 Esh A Attachment 2 Esh A Attachment 2 Esh A Attachment 2 Esh A Attachment 2 Esh A Attachment 2 Esh A Attachment 3 Esh A SOMAN 3 ESH A | Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 3
Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachment 3 Exh A Attachm | Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 2 Exh A Attachment 3 Exh A Attachm | Attachment 2 Exh A Attachm | Part ELEMENTS Part ELEMENT | Part Part | Part Part
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11 UEPFB USAC2 785 186 LOOP at	UEPFB	NONRECURRING CHARGES (NRCs) - CURRENTLY COM	BINED	+		5 _		6//0	200	3									
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UEPFP UEPKB 2 09 166 05 43 66 41 89 UEPFP UEPKC 2 09 166 06 43 66 41 89	UEPFP UEPXB 2 09 166 05 43 66 41 89 UEPFP UEPXC 2 09 166 06 43 66 41 89	2-Wite Voice Urbundled 2-Way Combination PBX Us.	sana Port	+	UEPFP	2 2	AX A	200	166 05	43 66	41 89								
UEPFP UEPXC 2 09 166 05 43 66 41 89	UEPR UEPXC 2 09 166 05 43 66 41 89	2-Wire Voice Unbundled PBX Toll Terminal Hotel Port	rts	H	UEPFP	5	PXB	2 09	166 05	43 66	41 89								
		2-Wire Voice Unburdled PBX LD DDD Terminals Port	ד	H	UEPFP	Ī	PXC	2 09	166 05	43 66	41 89	$ \ $							

UNBUNDL	UNBUNDLED NETWORK ELEMENTS - Georgia											Ā	Attachment, 2 Exh A	Exh A			
										S	vc Order S		Incremental	ental		Incremental	
CATEGORY	RATE ELEMENTS	Interdin 7	Zone	BCS	nsoc		_	RATES(\$)		w T	Submitted Si Elec II	Submitted Manually M	Charge - Manual Svc N			Charge · Manual Svc	
								:					Electronic-	Electronic-	Electronic- Disc 1st	Electronic- Disc Add'l	
			\parallel			Rec	Nonrecurring	П	Nonrecurring Disconnect	H	1 F	JŁ	OSSR	OSS Rates(\$)			
	2-Wire Voice Unburdled PBX LD Terminal Switchboard Port	\prod		UEPFP	UEPXD	5 09	166 05	43 66	41 89	15 44	SOMEC	SOMAIN	SOMAN	SOMAN	SOMAN	SOMAN	
	2 Wire Voice Unbundled PBX LD Terminal Switchboard IDD Capable Port			UEPFP	UEPXE	5 09	166 05	43.66	41.89	15.44							
	2 Wire Voice Urbundled 2-Way PBX Hote/Hospital Economy Administrative Caling Port		3	UEPFP	UEPXL		166 05	43 66	41 89	15 44	-	-					
	2-Wire Voice Unbundled 2-Way PBX Hote/Hospital Economy Room Calling Port		┌╴	li Epro	MXddi	000	168.05	43.66		2 4							
! 	2-Wire Voice Unbundled 1-Way Outgoing PBX Hotel/Hospital Discount Room Calling Port		1	dadi	CXOZI	8 6	20 99	3 8	5	3			T				
	2 Wire Voice Unbundled 1-Way Outgoing PBX Measured Port	T	913	UEPFP	UEPXS	2 09	166 05	43 66	41 89	15 44	+	\downarrow			†		T
	2-Wire voice unbundled Georgia basic dialing port - 1-Way Oudial Trunk		3	UEPFP	UEPWS	5 09	166 05	43 66	41 89	15 44							
INTER	2-Wire voice unbundled Georgia basic dialing port - 2-Way Trunk	\dashv	=	UEPFP	UEPWT	2 09	166 05	43 66	41 89	15 44							
	Throftice Transport - Dedicated - 2 Wire Voice Grade - Facility Termination		5	UEPFP	U1TV2	12.87	48 46	19 48	16.58	90		+	-				
100	Interoffice Transport - Dedicated - 2 Wire Voice Grade - Per Mile of Fraction Mile		₽	UEPFP	1L5XX	0 0057	00 0	000									
Z	All Features Offered	\dagger	15	UEPFP	UEPVF	0 775	80	000				\dagger	+				
NON	RECURRING CHARGES (NRCs) - CURRENTLY COMBINED		H							<u> </u>							
	2 Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch-as-4s		_5	UEPFP	USAC2		7.85	1 86									
	2 Wire Loop / Dedicated IO Transport / 2 Wire Line Port Combination - Conversion - Switch with change		5	UEPFP	USACC		7 85	1 86									
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at End User Premise			UEPFP	URETN		11 19	1 10			-						
2-WIR	REVOICE GRADE LOOP- BUS ONLY - WITH 2-WIRE DID TRUNK	PORT	П								\parallel	$\ $	\parallel				
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 1	\parallel	$\dagger \dagger$			18 05						\dagger					
	2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 2 2-Wire VG Loop/2-Wire DID Trunk Port Combo - UNE Zone 3		+			23 44 39 56											
ONE	Loop Rates 3.Wire Anaho Voice Grade Loop (CLD) TINE Zone (l I.	Add	100	1						$\ $					
	2-Wire Anabg Voice Grade Loop - (SL2) - UNE Zone 2	\prod	اما	UEPPX	UECD1	16 95		1			\dagger	+	\dagger			+	
ONE	2-Wire Anabg Voice Grade Loop - (SL2) - UNE Zone 3 Port Rete	\parallel	_	EPPX	UECD1	33 08					H						
BNON	Exchange Ports - 2-Wire DID Port	$\dagger \dagger$	Ħ	UEPPX	UEPD1	6 48	174 55	13 64	59.31	427							
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Combination - Switch-45-18		1 5	UEPPX	USAC1		99 9	1 86									
	2-Wire Voice Grade Loop / 2-Wire DID Trunk Port Conversion with BellSouth Allowable Changes		_5	UEPPX	USA1C		99 9	1 86									
ADDI	ADDITIONAL NRCs Urburnsded Miscellaneous Rate Element, Tag Designed Loop at			You	MESO			,					-				
Telep	hone Number/Trunk Group Establisment Charges	H	H		211	-	2	2			+	-	+			l	T
	DIO Trunk Termination (One Per Port)		j	NEPPX	TQN	000	000	000				H					
	DID Numbers Establish Fruik Group and Provide First Group of 20 DID Numbers		5		ZON	80	000	80									
	Additional DID Numbers for each Group of 20 DID Numbers		15	UEPPX	ND4	0000	00 0	000									
	DID Numbers, Non-consecutive DID Numbers, Per Number Reserve Non-Consecutive DID numbers	\dagger	5 =		NDS	000	000	000									
	Reserve DID Numbers	t		UEPPX	NDV	000	000	800									
2-WIR	2-WIRE ISON DIGITAL GRADE LOOP WITH 2-WIRE ISON DIGITAL LINE	SIDE PORT	П													╫	
	2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port -	\dagger	\dagger					T			\dagger	\dagger	1				I
	UNE Zone 1 2W ISDN Digital Grade Loop/2W ISDN Digital Line Side Port	\dagger	+			20 44					+	$\frac{1}{1}$					
	UNE Zone 2 2W ISDN Diretal Grade Loop/2W ISDN Diretal Line Side Box	\dagger	\dagger			25 45					+	-					
EN EN	UNE 2019 3	\dashv	\dashv			39 09	+	1			\dashv	+				-	
1	Loop Hates	1	+		-					1	1	1	1		1	1]
	Waterian OOME Chandrad IOA																

Attach 2-TRRO Amendment Exhibit A Rates DettaCom

UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment, 2 Exh. A	Exh A			
											Svc Order	Svc Order	Incremental	thcremental	hcremental	Incremental	
											Submitted			Charge -	Charge -	Charge -	
САТЕВОЯУ	RATE ELEMENTS	Interim	Zone	BCS	nsoc			RATES(\$)			per LSR	Manually per LSR	Manual Svc Order vs. Electronic- 1st	Manual Svc Order va Electronic- Add'il	Manual Svc Order vs Electronic- Disc 1st	Manual Svc Order vs Electronic- Drac Addil	
1		Ì	H			Se Se	Nonrec	Nonrecurring	Nonrecurring Disconnect	Disconnect			OSS	Rates(\$)			П
	2 Wire ISDN Digital Grade Loop - UNE Zone 1		 -	UEPPB UEPPR	USLZX	14 25	FUSE	Add	First	Add	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
	S.Wire ISDN Digital Grade Lone - LINE Zone 2			1													
	2-Wire ISDN Digital Grade Loop - UNE Zone 3		3	UEPPB UEPPR	NS SX	32.80											
ONE	UNE Port Rate		H	Н													
1	Exchange Port - 2-Wire ISDN Line Side Port		#	UEPPR	UEPPR	619	161 36	141 68	43 68	837							
NONR	NONRECURRING CHARGES - CURRENTLY COMBINED	l	1	JEFFB	or La	61.0	161 36	141 68	43 68	837		T					
	2-Wire ISDN Digital Grade Loop / 2-Wire ISDN Line Side Port			3													
ADDIT	ONAL NRCs		†	UEPPB UEPPR	USACB	0000	42 52	88									
	2-Wire ISDN Loop / 2-Wire ISDN Port Combination - Sub Actvy - Non Feature/Add Trunk		-	15000	gyvor		000										
	Unbundled Miscellaneous Rate Element, Tag Designed Loop at			1	2000		8										
	Unburdled Miscellaneous Rate Element, Tag Loop at End User		Ή	1	_		2	1 10									
B-CHA	INVEL LISER DROFILE ACCESS	1	†	UEPPB UEPPR	URETL		833	0.83									
	CVS/CSD (DMS/SESS)	1	Ť			000	000	000				1					
	CVS (EWSD)		П	UEPPB UEPPR	UIUCB	000	0000	000				T					
VHOR	ICSD				Т	000	000	000									
USER	USER TERMINAL PROFILE	5 (2)	<u></u>													+	
74447	User Terminal Profile (EWSD only)		П	UEPPB UEPPR	U1UMA	000	000	000									
VCHIR	AB Vertical Features - One per Channel Billion Profile	1	- =	00031	10000		000										
INTER	INTEROFFICE CHANNEL MILEAGE	T	1	7	GETAT	9//0	000	900				Ì					
	Interoffice Channel mileage each, including first mile and facilities		H	ַ ן	0,0		;	:									
	Interoffice Charnel mileage each, additional mile	T	#	UEPPB UEPPR	MIGNM	12 8757	48 46	1948	16.58	2 00							
NBUNDLED C	ENTREX PORT/LOOP COMBINATIONS - COST BASED RATES		H														
2-Wire	CENTREX - 1AESS - (Valid in AL, FL, GA, KY, LA, MS, &TN only) (G Loop/2-Wire Voice Grade Port (Centrey) Combo	Ť	\dagger														
UNE P	nt/Loop Combration Rates (Non-Design)		\dagger												1		
	2 Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo		T														
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -	1	\dagger			11 46						Ì			1		
	Non-Design		\dashv			16 76											
-	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Non-Design					95.55											
UNE P.	UNE Port/Loop Combination Rates (Design)	H	H			3							Ī		ļ		
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design					13.47											
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo - Descrip																
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -		\dagger			8							Ī				
UNE Loop Rate	op Rate	t	\dagger			34 98	1	1		1						1	
	2-Wire Voice Grade Loop (SL 1) - Zone 1		<u>-</u>		UECS1	956						T					
	2-Wire Voice Grade Loop (SL 1) - Zone 2		2		UECS1	14 86									Ī		
-	2-Wire Voice Grade Loop (SL 1) - Zone 3	1		UEP91	UECS1	31 66											
	2 Wire Voice Grade Loop (SL 2) - Zone 2	\dagger	- 6		UECSZ	11.57			1			1					
	2 Wire Voice Grade Loop (SL 2) - Zone 3				UECS2	33 08						T					
ONE Ports	Its A Farent North Comming and Sout Comming		\parallel														
	2 Wire Voice Grade Port (Centrex) Basic Local Area	\dagger	f	UEP91	LIEPYA	1 9019	10.05	7 36	1 37	1 28							
	2-Wire Voice Grade Port (Centrex 800 termination)Basic Local							3		2							
	2-Wire Voice Grade Port (Centrex with Caller ID)Note1 Basic	\dagger		UEP91	UEPYB	1 9019	10 05	7.36	137	128		Ť					Τ
	Local Area 2 Wire Voice Grade Port (Centrex from citt Service Wire Center)	\dagger	<u>ح</u>	UEP91	UEPYH	1 9019	10 05	7.36	137	128		1					
	Note 2, 3 Basic Local Area		_5	UEP91	UEPYM	1 9019	82 27	26 96	20 29	9 15							

Exhibit t Attach 2-TRRO Amendment Exhibit A Rates DeltaCom

UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia											Atta	Attachment: 2 Exh A	X A X			Г
			F		-					Sve			Incremental In	E E	hcremental	hcremental	
2000				;						Ing		Submitted C Manually Mar	_			Charge - Manual Svc	
CALEGORY	HATE ELEMENTS	The state	euoz	S	osn			æ			per LSR		Order vs Ciectronic- E	Order vs Electronic-	Order va Electronic- Disc 1st	Order vs Electronic- Disc Add'l	
			\parallel			% %	Nonrecurring	П	Nonrecurring Disconnect	H			OSS Rates(\$)	┨╏			
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo		\dagger			- [-	1801	Τ	1931	+	+	╄	OMAN	+	_	SOMAN	
	2 Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -		+			16 76					-					1	
DANE D	Non-Design ort/Loop Combination Bates (Design)		\dagger			33 56	1					+					-
	2-Wire VG Loop/2 Wire Voice Grade Port (Centrex) Port Combo		\dagger									-					
	Design 2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -		†			13.47			<u> </u>		+						
	Design 2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -		\dagger			18 85						-	+-			T	
UNE L	Design UNE Loop Rate		\dagger			% 88					+	+	ł	1			T
	2-Wire Voice Grade Loop (SL 1) - Zone 1		П	EP95	UECS1	926							+				
	2-Wire Voice Grade Loop (SL 1) - Zone 2 2-Wire Voice Grade Loop (SL 1) - Zone 3	1	2 6	UEP95	UECSI	34 66					$\frac{1}{1}$	+	-	1	1		1
	2 Wire Voice Grade Loop (SL 2) - Zone 1		П	EP95	UECS2	11 57									T		
	2 Wire Voice Grade Loop (SL 2) - Zone 2 2-Wire Voice Grade Loop (SL 2) - Zone 3		2 6	EP95	UECS2	16 95			1		+	\dagger	1				
UNE P	UNE Port Rate		П									$\ $					
All Sta	Base Voice Grade Bort (Centrox) Baser Local Area	Ì	+	2002	SAG SI	0,00	30.00	1 00	107		1	1			1		
	2-Wire Voice Grade Port (Cerutex 800 termination)	T	712	UEP95	UEPYB	9019	1005	7 36	137	128	+	+					T
	2-Wire Voice Grade Port (Centrex with Caller ID) I Basic Local Area		1 3	UEP95	HAddii	1 9019	10.05	7.36	137	86		-	-				
	2-Wire Voice Grade Port (Ceratex from diff Serving Wire			200				3									
	Z-Wire Voice Grade Port, Diff Serving Wire Certer 2,3 - 800	T	+	UEP96	UEPYM	1 9019	82 27	96 92	50 50	915	-	1	-				
	Service Term - Basic Local Area	1	귀	JEP95	UEPYZ	1 9019	82 27	26 96	50 50	9 15	-						
	z-wire vorce crace in or terminated in on megalink or equivalent Basic Local Area		_ <u>5</u>	UEP95	UEPY9	1 9019	10 05	7.36	1 37	1 28	_						
	2 Wire Voice Grade Port Terminated on 800 Service Term - Basic Local Area			UEP95	UEPY2	1 9019	10 05	7 36	1 37	1 28							
FL & GA Only	AOnly		\parallel								H	\parallel					
	2 Wire Voice Grade Port (Centrex)			EP95	UEPHA	1 9019	10.05	7.36	137	1.28	H	Н					
	2-With Voice Grade Port (Centrex with Caller ID)1	T	<u> </u>	UEP95 UEP95	GEPTE UEPTE	1 9019	5 5 8 5	7.36	137	1 28		+					
	2-Wire Voice Grade Port (Centrex from diff Serving Wire																
	Serving Wire Center - 800 Service	Ī	7	UEPSS	OFFI	1 9019	82.27	56 98	20 29	9 15	1	+	+				1
	lem 2,3	Ť	7	UEP95	ZHJ	1 9019	82 27	26 96	20 29	9 15							
	2-Wire Voice Grade Port terminated in on Megalink or equivalent 2-Wire Voice Grade Port Terminated on 800 Service Term	\sqcap	əjš	UEP95 UEP95	UEPH9 UEPH2	1 9019	10.05	7.36	137	1.28	+						
r Local s	Local Swittshing Centrex Intercom Funtonably, per port	††	Ĕ	UEP95	URECS	0 4237						\parallel					
reaures A	All Standard Features Offered, per port		ĮŠ.	EP95	UEPVF	0 775					-		+				T
	All Select Features Offered, per port All Centrex Control Features Offered, per port	T	<u> </u>	UEP95 UEP95	UEPVS	000	000						+				
NARS											\prod						
	Unburdled Network Access Register - Combination Unburdled Network Access Register - Indial	T	<u> </u>	UEP95 UEP95	UARIX	88	88	000	000	0000	+	+			1	İ	
	Unbundled Network Access Register - Outdiel		5		UAROX	000	000	000	000	000	$\ $						
Wacell 2-Wre	aneous Terminations Trunk Side		\dagger								+	+					
4-Wire	Trunk Side Terminations, each Dicital (1544 Menahita)		Ξ.	UEP95	CENDE	2 20	122 26	18 65	54 82	345	$\ $						
	DS1 Circut Terminations, each	\parallel	Ħ	UEP95	M1HD1	41 20	200 96	93 00	65 81	233	H	H					
Interoff	DS0 Channels Activated, each Interoffice Channel Mileage - 2-Wire	\dagger	7		M1HDO	000	13 95			+	+	+	1				
	Interoffice Channel Facilities Termination	\prod	Ħ	UEP95	M1GBC	12 87	48 46	19 48	16 58	2 00		H					
Feature	Interoffice Channel mileage, per mile or fraction of mile Activations (DS0) Centrex Loops on Channelized DS1 Service	\dagger	7		M1GBM	0 0057					+	+					
D4 Cha	nnel Bank Feature Activations	П	Н			\parallel					H	H			Ħ		

Exhibit 1
Attach 2-TRHO Amendment
Exhibit A Rates
DettaCom

Exhibit 1 Attach 2-TRRO Amenc Exhibit A Rates DeltaCom

UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment 2 Exh. A	Eyh A			
		-	-								Svc Order S		Incremental	E P	Incremental	hcremental	
САТЕGORY	RATE ELEMENTS	mterm Zo	Zone	BCS	nsoc			RATES(\$)			Submitted S Elec	Submitted Manually Per LSR				Charge - Manual Svc Order vs Electronic- Disc Add'i	
\parallel		\parallel	${\dagger}$			Rec	Nonrecurring	H	Nonrecurring Disconnect	Disconnect	⊣ ⊦		SSO	OSS Rates(\$)			
	Feature Activation on D-4 Channel Bank Centrex Loop Slot	+	13	UEP95	1PQWS	0 4689	Furat	Addi	Fret	Addi	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
	Feature Activation on D-4 Channel Bank FX line Side Loop Slot		픠	UEP95	1PQW6	0 4689											
	Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot		벌	UEP96	1PQW7	0 4689											
	Feature Activation on D-4 Charmel Bank Centrex Loop Slot - Different Wire Center		뿔	UEP95	1PQWP	0 4689					-						
	Feature Activation on D.4 Charmel Bank Private Line Loop Slot		뿔	UEP95	1PQWV	0 4689											
	Feature Activation on D-4 Channel Bank Tije Line/Trunk Loop Slot Feature Activation on D-4 Channel Rank WATS I non Slot		5	UEP95	1PQWQ	0 4689											
Non-R	INEC Consessor Cirranti Combined Susta As Is out alternation	H	+			200					\parallel						
	changes, per port		ឭ		USAC2		010	0 10									
	New Certrex Standard Common Block New Centrex Customized Common Block		벨		MIACS	800	317.90	37.59	48 99	5 92							
3	NAR Establishment Charge, Per Occasion	$\left \cdot \right $	iii		URECA	000	000	8	86.04	76.0							
Addition	Additional Nor-Hecurring Charges (NRC) Unburdled Miscellaneous Rate Element, Tag Loop at End Use	+	+														
	Premise Unbundled Miscellaneous Rate Element Tea Design Loop at End	+	ឭ	UEP95	URETL	+	8 33	0.83			1	Ì					
	Use Premise	_	픠	UEP95	URETN		11 19	10	_					•			
UNE-P	VG CONTREX - DMS 100 (Valid in All States)	\parallel	\dashv														
UNE P	or/Loop Combination Rates (Non-Design)	+	+								1						
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Non-Design		\vdash			1 48											Γ
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrax)Port Combo - Non-Design	\vdash	-			92.94											
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -		\vdash			9/0					\dagger						
UNE P.	or/Loop Combination Rates (Design)	+	+			33.56	+		1		1	1					
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrex) Port Combo - Design	\vdash	\vdash			7, 6,											
	2-Wire VG Loop/2-Wire Voice Grade Port (Centrax)Port Combo -	+	\vdash					\dagger									
	2-Wile VG Loop/2-Wire Voice Grade Port (Centrex)Port Combo -		 			8 2										1	
UNE L	UNE Loop Rate	+	+			8					Ì	†					T
	2-Wire Voice Grade Loop (SL 1) - Zone 1		1 1		UECS1	956											
	2-Wire Voice Grade Loop (SL 1) - Zone 3	1	2 5		UFCS1	31 66					1						T
	2-Wire Voice Grade Loop (SL 2) - Zone 1		1 1	UEP9D	UECS2	11 57											
	2-Wire Voice Grade Loop (SL 2) - Zone 2 2-Wire Voice Grade Loop (SL 2) - Zone 3	1	3 C		UECS2	16 95		1									
UNE P.	UNE Port Rate	$\left\ \cdot \right\ $	1 1			3						+					
ALL SI	2 Wire Voice Grade Port (Centrex) Basic Local Area	+	<u> </u>	UEP9D	UEPYA	1 9019	10 05	7.36	1.37	1.28							П
	2 Wire Voice Grade Port (Centrex 800 termination)Basic Local Area		<u> </u>		UEPYB	1 9019	10 05	7.36	137	1,28							
	2-Wire Voice Grade Port (Centrex / EBS-PSET)3Basic Local Area	-	19		UEPYC	1 9019	10.05	7.36	1.37	86							
	2-Wire Voice Grade Port (Centrex / EBS-M5009)3Basic Local Area		<u> </u>		LED AU	9	900	1 00		2 8							Γ
	2 Wire Voice Grade Port (Centrex / EBS-M5209))3 Basic Local						3	3	ò	07	-	-				-	T
	2-Wire Voice Grade Port (Centrex / EBS-M5112))3 Basic Local	+	3	UEP9D	UEPYE	1 9019	10 05	7.36	137	128	1	+				+	T
	Area 2-Wire Voice Grade Port (Centrex / EBS-M5312))3Basic Local	+	ÿ	UEP9D	UEPYF	1 9019	10 05	7.36	137	128		1					
	Area 2-Wira Voice Grada Port (Centrey / EBS MS008)3 Bears Local	+		UEP9D	UEPYG	1 9019	10 05	7.36	1 37	128	1		Ì				\exists
	Area		UEP9D		UEPYT	1 9019	10 05	7 36	1 37	1 28			-				_
							1	Ì									}

Exhibit 1
Attach 2-TRRO Amendment
Exhibit A Rates
DeltaCom

A Minental arge - arge	Particular Par	New BCS		Attachment: 2 Exh	Submitted Charge - Manually Manual Suc Per LSR Order vs. Electrons-1st	330	SOMEC SOMAN SOMAN	2007	5	137 128	137 128			137 128	137 128	20.29 915	20 29 915	2029 915	2029 915						2029 915	20.29 9.15	20.29 9.15	137 128	137 128															20 29 9 15	
						100	Н																																				1	†	
	Name Land	Name Land			rder Svc Orde tted Submittes c Manually SR per LSR		н		+					1	+							-			-												-					1	1		_
Submitted Manually Per LSR	Particular Par	No. Part P			Sve O Submi Ele Per L	isconnect	††	_	07	128	1 28		1.28	128	128	915	9 15	9 15	915	915	, o	2	51.6	918	9.15	9 15	9.15	128	128	1 28	128	128	128	128	1.28	1 28	1 28	1 28	128	128	1.28	915	915	9 15	9 12
Svc Order Submitted Submit	Particular Par	No. Part P				Nonrecurring D	First	137	2	137	1 37	70,) -	137	137	20.29	20 29	20.29	20 29	20.29	8	67:03	3	2029	20 29	20 29	20.29	137	1.37	1.37	137	137	137	137	137	137	137	137) r	137)E	20.29	20 29	20 29	20.20
Svc Order Submitted Submit	Baset Local UEP9D UEPVW 19019 UEPVW 19019 UEPWW UEPWW 19019 UEPWW UEPWW 19019 UEPWW	Basec Local UEP9D UEPVW 19019	_		RATES(\$)	Γ	П		3	7.36	7.36	7.38	8	7.36	7.36	56 96	26 96	26 96	26 96	26 96	8		06.02	56 96	56 96	26 96	26 96	7.36	7.36	7.36	7.36	7.36	7 36	7.36	7.36	7 36	7.36	7.36	8	7 36	8	26 96	50.50	56 96	- 96 96 97
Nonrecuring Disconnect Svc Order Svc Order Submitted Submi	Baser Local UEP9D UEPYU 1)3 Baser Local UEP9D UEPYU 1)4 Baser Local UEP9D UEPYU 1)5 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 10 Baser Local UEP9D UEPYU 11 Baser Local UEP9D UEPYU 11 Baser Local UEP9D UEPYU 12 Baser Local UEP9D UEPYU 13 Baser Local UEP9D UEPYU 14 Baser Local UEP9D UEPYU 15 Baser Local UEP9D UEPYU 16 Baser Local UEP9D UEPYU 16 Baser Local UEP9D UEPYU 16 Baser Local UEP9D UEPYU 16 Baser Local UEP9D UEPHU 17 Baser Local UEP9D UEPHU 18 Baser Local UEP9D UEPHU 19 Baser Local UEP9D UEPHU 10 Baser Local UEP9D UEPHU 10 Baser Local UEP9D UEPHU 10 Baser Local UEP9D UEPHU 11 Baser Local UEP9D UEPHU 11 Baser Local UEP9D UEPHU 11 Baser Local UEP9D UEPHU 11 Baser Local UEP9D UEPHU 11 Baser Local UEP9D UEPHU 12 Baser Local UEP9D UEPHU 13 Baser Local UEP9D UEPHU 14 Baser Local UEP9D UEPHU 15 Baser Local UEP9D UEPHU 16 Baser Local UEP9D UEPHU 17 Baser Local UEP9D UEPHU 18 Baser Local UEP9D UEPHU 19 Baser Local UEP9D UEPHU 10 Baser Local UEP9D UEPHU 10 Baser Local UEP9D UEPHU 11 Baser Local UEP9D UEPHU 10 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Baser Local UEPPU 11 Ba	Baser Local UEP9D UEPVU 1)3 Baser Local UEP9D UEPVU 1)4 Baser Local UEP9D UEPVU 1)5 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 10 Baser Local UEP9D UEPVU 11 Baser Local UEP9D UEPVU 12 Baser Local UEP9D UEPVU 13 Baser Local UEP9D UEPVU 14 Baser Local UEP9D UEPVU 15 Baser Local UEP9D UEPVU 16 Baser Local UEP9D UEPVU 16 Baser Local UEP9D UEPVU 16 Baser Local UEP9D UEPVU 16 Baser Local UEP9D UEPVU 16 Baser Local UEP9D UEPVU 16 Baser Local UEP9D UEPVU 16 Baser Local UEP9D UEPVU 16 Baser Local UEPPU UEP9D UEPPU 16 Baser Local UEPPU UEP9D UEPPU 16 Baser Local UEPPU UEP9D UEPPU 16 Baser UEPBD UEPPU UEPPU 16 Baser Local UEPPU UEPPU UEPPU UEPPU 16 Baser Local UEPPU U	Deliaco			Nonrect	First	10 05		10 05	10 05	10.05	3	10 05	10 05	82 27	82.27	82 27	82 27	82 27	82.27	50 50	12.50	82.27	82.27	82 27	82.27	10 05	10 05	10 05	10.05	10 05	10 05	10 05	10 05	10 05	10.05	10.05	3	10 05	3	82.27	92.21	82 27	82 27
Sample S	13 Basic Local 12 Basic Local 12 Basic Local 12 Basic Local 13 Basic Local 14 Basic Local 14 Basic Local 14 Basic Local Area 14 Basic Lo	13 Basic Local 12 Basic Local 12 Basic Local 12 Basic Local 13 Basic Local 14 Basic Local 14 Basic Local 14 Basic Local Area 14 Basic Lo				1	B	1 9019		1 9019	1 9019	1 9019		1 9018	1 9019	1 9019	19019	1 9019	1 9019	1 9019	1 9019	3	9	500	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019	1 9019		1 9019		1 8018	2	19019	1 9019
Sec Order Submitted Su	Basic Local UEP9D	Basic Local UEP9D			nsoc			UEPYU	300	VAGA	UEPY3	UEPYH	1000	A L	UE P.Y.	OEPYM	OFPYO	UEPYP	UEPYQ	UEPYR	UEPYS	PAGE!	IEDVE	2 2	92.43	UEPY7	UEPYZ	UEPY9	UEPY2	UEPHA	UEPHB	UEPHC	JEPHE	JEPHF	JEPHT	JEPHU	JEPHV	JEPHH JEPHH		JEPHJ	N O	INDHO	2 :: 1	EPHP	면된
Note First Notice First Notice First Notice Submitted Submit					BCS			JEP9D	Cooli	Jersu	JEP9D	EP9D	EBon	Tool I		06 00	CLASO	EP90	EP9D	EP90	EP90	EP9D	CPG	9																					
Note	1)3 Basic Local 1)4 Basic Local 1)5 Basic Local 1)5 Basic Local 1)6 Basic Local 1)7 Basic Local 1)8 Basic Local 1)9 Basic Local 1)9 Basic Local 109	1)3 Basic Local 1)4 Basic Local 1)5 Basic Local 1)5 Basic Local 1)6 Basic Local 1)7 Basic Local 1)8 Basic Local 1)9 Basic Local 1)9 Basic Local 109		-	nterun Zone		1		_						-					-		_					+		-	3		5 5	5			S			<u> </u>	3 3	<u> </u>	5	<u> </u>	1	5
		RATE ED NETWORK ELEMEN RATE 2-Wire Voice Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celement Voice) Grade Port (Celemen	ITS - Georgia				mex / EBS-M5208))3 Basic Local	d every out	rtrex / EBS-M5216))3 Basic Local	ttrex / EBS-M5316))3 Basic Local		trex with Caller ID) Basic Local Area	trex/Caller ID/Msg Wtg Lamp	trex/Msg Wtg Lamp Indication))4	trex from diff Serving Wire Certer)	trex/differ SWC /EBS-PSET)2,3,4	trex/differ SWC /EBS-M5009)2,3,4	bex/differ SWC /EBS-5209)2,3,4	rex/differ SWC /EBS-M5112/2 3.4	Tow/differ CWC /EBS MESSONS 2	24 C C C C C C C C C C C C C C C C C C C	revaliter SWC /EBS-M5008)2,3,4	rex/differ SWC /EBS-MS208)2, 3	rex/differ SWC /EBS-M5216)2,3,4	rex/differ SWC /EBS-M5316)2,3,4	Serving Wire Center - 800 Service	tated in on Megalink or equivalent	nated on 800 Service Term Basic		(xa.	ex / FRS PSETM	ex / EBS-M5009)4	ex / EBS-M5209)4	ex / EBS-M5312)4	ex / EBS-M5008)4	ex / EBS-M5208)4	9x / EBS-M5316)4	ex with Caller ID)	ex/Catter ID/Msg Wtg Lamp	sx/Msg Wtg Lamp Indication)4	ex from diff Serving Wire Center)	wdiffer SWC /EBS-PSET)2,3,4	Wdiffer SWC /EBS-M5009)2.3.4	widther SWC /FBS-520912 3.4	ייםישריים יים יים יים יים יים יים יים יים יים

Attack of TODO According	Alaci 2-1 RRO Amenanen	Exhibit A Hates	DettaCom
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UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia											4	Attachment 2	2 Exh. A			
		\mid	F							8	ve Order		۲E	Incremental	Incremental	Incremental	
CATEGORY	RATE ELEMENTS	Interm Zo	Zone	BCS	nsoc			RATES(\$)			Submitted S Elec per LSR	Submitted Manually P		Charge - Manual Svc		Charge -	
														Electronic- Add'i		Electronic- Disc Add'I	
		+	H			200	Nonrecurring		Nonrecurring Disconnect	Н			OSS Rates(\$)	ates(\$)			
	2 Wire Voice Grade Port (Centrex/differ SWC /EBS-M5312)2: 3.4	+-	1 5	UEP9D	SHd Hi	1 0010	71181 89 97	88	2000	Addi	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
	2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5008)2.3.4		5	UEP9D	UFPH4	9 9	8 8	8 8	69.00	2 2							
	2 Wire Voice Grade Port (Centrexidifier SWC /EBS-MS208)2,3,4		9	UEP9D	UEPHS	1 9019		8 8	8202	<u>v</u> 0							
	2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5216)2,3,4		<u> </u>	UEP9D	UEPH6	1 9019		98 98		9 15							
	2-Wire Voice Grade Port (Centrex/differ SWC /EBS-M5316)2,3,4		IB)	UEP9D	UEPH7	1 9019	82 27	26 96	20 29	9.15							
	2-Wire Voice Grade Port, Diff Serving Wire Certer - 800 Service Term 2,3	H	<u> </u>	UEP9D	UEPHZ	1 9019	82.27	26 96	20 29	9 15							
	2-Wire Voice Grade Port terminated in on Megalmk or equivalent		핔	UEP9D	UEPH9	1 9019	10 05	7 36	1 37	1 28					-		
LocalS	2-Wire Voice Grade Port Terminated on 800 Service Term -ocal Switching	+	Ē		UEPH2	1 9019	10 05	7.36	137	128							
	Centrex Intercom Furtionality, per port	\prod	B		URECS	0 4237											T
	All Centrex Control Features Offered, per port	+	E IE	UEP9D UEP9D	UEPVC	880	000										
NARS	Unbinded Natural Arress Remeter Combination																
	Unbundled Network Access Register - Inward	+		UEP9D	UARIX	000	000	000	8 6	000	1	†					
Miscella	Unburdled Network Access Register - Outdial	H	띨		UAROX	000	000	000	000	000							
2-Wire	2-Wre Trunk Side	+	+			+		1			1						
4-Wire	Trunk Side Terminations, each			UEP9D	CEND6	5 50	122 26	18 65	54 82	3 45						!	
	DS1 Circuit Terminations, each	+		UEP9D	M1HD1	4120	200 96	93 00	65.81	233	1	+	1				
Interoff	DS0 Channels Activisted per Channel	\parallel	Ü		М1НD0	000	13.95										
	Interoffice Channel Facilities Termination	\parallel	Ë	UEP9D	M1GBC	12 87	48 46	19 48	16.58	2 00							
Feature	Interoffice Channel mileage, per mile or fraction of mile Activations (DS0) Centrex Loops on Channelized DS1 Service	+	剪		M1GBM	0 0057											
D4 Cha	Entre Committee Activations		H								T						
	reature Activation on D-4 Charmel Bank Centrex Loop Slot	+	<u> </u>	UEP9D	1POWS	0 4689											
	Feature Activation on D-4 Channel Bank FX line Side Loop Slot	+	Ė	UEP9D	1POW6	0 4689											
	Feature Activation on D-4 Channel Bank FX Trunk Side Loop Slot	\dashv	当	UEP9D	1POW7	0 4689						_					
	Feature Activation on D-4 Channel Bank Centrex Loop Stot - Different Wire Center	\dashv	UEP9D		1PQWP	0 4689								_			<u> </u>
	Feature Activation on D-4 Channel Bank Private Line Loop Slot	-	UEP9D		1PQWV	0 4689											
	Feature Activation on D-4 Channel Bank Tije Line/Trank Loop Slot	\dashv	UEP9D		1PQWQ	0 4689											
Non-Re	curring Charges (NRC) Associated with UNE-P Centrex	1	3		POWA	0 4689		\dagger		-	İ						
	NRC Conversion Currently Combined Switch-As-Is with allowed changes, per port		1		ISACo			9				<u> </u>				İ	
	New Centrex Standard Common Block		UEP9D		M1ACS	0000	317.90	37 59	48 99	5 92							
	NAR Establishment Charge, Per Occasion	$\frac{1}{1}$			MIACC	88	317.90	37.59	48 99	26 5	+	+					
Addition	Additional Non-Recurring Charges (NRC) Unburdled Miscellaneous Rate Element, Tag Loop at End Use																
	Unbundled Miscellaneous Rate Element, Tag Design Loop at End	+	OE-P9D		URET		8 33	0 83									
Addition	Use Premise nal Non-Recurring Charges (NRC)	+	UEP9D		URETN	+	11 19	1 10			1						
	Unbundled Miscellaneous Rata Element, Tag Loop at End Use Premise	-	UEP9E		UBETI					-		-					
	Urbunded Miscellaneous Rate Element, Tag Design Loop at End Use Premise	_	36d3l1		NETRI												T
Note 1 -	Note 1 - Required Port for Centrex Control in 1AESS, 5ESS & EWSD Note 2 - Requires Interoffice Channel Misage	$\ \ $							 								
, A	Vareion 2006 Standard ICA																

Attach 2-TRRO Amendment
Exhibit A Rates
Detacom

UNBUNDL	JNBUNDLED NETWORK ELEMENTS - Georgia												Attachment, 2 Exh. A	2 Exh A			
CATEGORY	RATE ELEMENTS	मभा	Interm Zone	BCS	nsoc		u.	AATES(\$)			Submitted Submitted Elec per LSR	Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs Electronic-	Svc Order Svc Order Incremental Incremental Incremental Incremental Submitted Submitted Charge - Charg	Incremental Charge - Manual Svc Order vs Electronic- Disc 1st	Charge - Manual Svc Order vs Electronic- Disc Add'l	
			Ц			3	Nonrecurring	But	Nonrecurring Disconnect	Disconnect			SSO	OSS Rates(\$)			
					_	Ę	First	Add'i	First	Add'I	SOMEC	SOMAN	SOMEC SOMAN SOMAN	SOMAN	SOMAN	SOMAN	
Note	Note 3 - Installation is combination of installation charge for SL2 Loop and Port	2 Loop and Po	¥														
Note	Note 4 - Requires Specific Customer Premaes Equipment																
Note	Note Rates displaying an "I' in Interim column are interim as a result of a Commission order	a result of a Co.	mmssior	n order													

Exhibit 1
Attach 2 TRRO Amendment
Exhibit B
DeltaCom

UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment 2 Evh B	5 5×h B		
											Svc Order	Svc Order	Incremental Incremental	-	Incremental	Incremental
CATEGORY	RATE ELEMENTS	Intern Z	Zone	BCS	nsoc			RATES (\$)					Charge - Manual Svc Order vs Electronic-			Charge - Manual Svc Order vs Electronic- Disc Add'I
						Bec	Nonrect	Nonrecuring	Nonrecurring Disconnect	1 Disconnect			OSS Rates (\$)	Rates (\$)		
						-	First	Add'i	First	Addil	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
UNBUNDLED	EXCHANGE ACCESS LOOP															
2-WIR	2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP	TIBLE LC	do													
	2 Wire Unbundled HDSL Loop including manual service inquiry & facility reservation - Zone 1	-	Ī	-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	90										
	2 Wire Unbundled HDSL Loop including manual service inquiry		Т		V	90 6						l				
	2 Wire Unbundled HDSL Loop including manual service inquiry	-	2 2		XZI	10 45	1						1			
	& facility reservation - Zone 3	_	임	ار	UHL2X	16 65										
	 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 1 	_	ᆵ		UHL2W	90 6										
	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 2	-	정		MHI 2W	10.45										
	2 Wire Unbundled HDSL Loop without manual service inquiry and facility reservation - Zone 3		$\overline{}$		7	2 4										
4-WIR	4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP	TIBLE LO	_		, III	000						1				
	4 Wire Unbundled HDSL Loop including manual service inquiry and facility reservation - Zone 1	_	븀		IHI 4X	11 95									į	
	4-Wire Unbundled HDSL Loop including manual service inquiry		П													
	4-Wire Unbundled HDSL Loop including manual service inquiry	-	Z UHL	1	HE &	13 80										
	and facility reservation - Zone 3	_	3 UHL	<u>د</u> 	UHL4X	21 93										
	4-Wire Unbundled HDSL Loop without manual service Inquiry and facility reservation - Zone 1	-	-		77	7										
	4-Wire Unbundled HDSL Loop without manual service inquiry		Т		, D.C.4W	CS -										
	and facility reservation - Zone 2	-	2 UK	1	UHL4W	13 80										
	and facility reservation - Zone 3	_	3 H		UHL4W	21 93										
4-WIRI	4-WIRE DS1 DIGITAL LOOP															
	4-Wire DS1 Digital Loop - Zone 1 4-Wire DS1 Digital Loop - Zone 2	1	\neg		XX IS	47 17										
	4-Wire DS1 Digital Loop - Zone 3		3 05	2	XXISN	71 33	+							+	1	
HIGH CAPACI	TY UNBUNDLED LOCAL LOOP		П												İ	
	High Capacity Unbundled Local Loop - DS3 - Per Mile per month		UE3	=	11 SND	12.69										
	High Capacity Unbundled Local Loop - DS3 - Facility Termination per month		1													
	High Capacity Unbundled Local Loop - STS-1 - Per Mile per	+	200	7	UE3PX	85 T-85										
	High Capacity Unbundled Local Loop - STS-1 - Facility	\dagger	NDLSX		1L5ND	12 62										}
	Termination per month	-	UDLSX		UDLS1	351 23										
INTER	INTEROFFICE CHANNEL - DEDICATED TRANSPORT		+		\dagger		+									
	Interoffice Channel - Dedicated Channel - DS1 - Per Mile per month		Ė	=	× =	Ş										
	Interoffice Channel - Dedicated Tranport - DS1 - Facility Termination		1		X :	2 6										
	Interoffice Channel - Dedicated Transport - DS3 - Per Mile per	\dagger	5	1	1	38 35		\dagger			1	+		+	1	
	month		U1TD3	11	1L5XX	2 91										
	Interoffice Channel - Dedicated Transport - DS3 - Facility Termination per month		U1TD3	<u> </u>	U1TF3	393 32										
	Interoffice Channel - Dedicated Transport - STS-1 - Per Mile per month		UITSI	=	11 5XX	000										
	Interoffice Channel - Dedicated Transport - STS-1 - Facility Termination		1416		HTER	1 5										
ENHANCED EX	ENHANCED EXTENDED LINK (EELS)	\parallel	<u> </u>	<u>'</u>		4154/		1			T	+	\dagger	+	1	
NOTE	NOTE The monthly recurring and non-recurring charges below will apply and the Switch-As-Is Charge will annu for INE combinations provisioned as 'Ordinarily Combined' Network Elements. NOTE The monthly recurring and the Switch-As-Is Charge and not the non-recurring charges below will annu for INE combinations provisioned as 'Ordinarily Combined' Network Elements.	pply and	the Switch-A	Na-Is Charge w	ulf not apply	for UNE comb	inations provi	sioned as On	dinarily Comb	ined' Network	Elements.					
EXTEN	DED 4-WIRE DS1 DIGITAL EXTENDED LOOP WITH DEDICATE	D DS1 IN	TEROFFICE	TRANSPORT			Delionemond si	das cuitellily	Detring I	BINOIR EIGHBEL	2					
Ą	Version 2005 Standard ICA															

Exhibit 1
Attach 2 TRRO Amendment
Exhibit B
DeltaCom

UNBUNDLE	UNBUNDLED NETWORK ELEMENTS - Georgia												Attachment 2 Exh B	2 Exh B		
			\vdash								Svc Order	Svc Order	Incremental	1=	Incremental	Incremental
CATEGORY	RATE ELEMENTS	Interi	Zone	BCS	nsoc		æ	RATES (\$)			Submitted Elec per LSR	Submitted Manually per LSR			Charge - Manual Svc Order vs	Charge - Manual Svc Order vs
													Electronic- 1st	Electronic- Add'i	Electronic- Disc 1st	Electronic- Disc Add'i
			H			<u>8</u>	Nonrecurring	П	Nonrecurring Disconnect	Disconnect			OSS F	OSS Rates (\$)		
	4-Wire DS1 Digital Loop in Combination - Zone 1		<u> 5</u> -	UNC1X	XXISN	47 17	First	Addi	First	Addil	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	4-Wire DS1 Digital Loop in Combination - Zone 2		l i	VC1X	NSLXX	53 37								<u> </u>		
	4-Wire DS1 Digital Loop in Combination - Zone 3		1	UNC1X	NSLXX	71 33										
	Interoffice Transport - Dedicated - DS1 combination - Per Mile per month			XLONII	11 5 7 7	6										
	Interoffice Transport - Dedicated - DS1 combination - Faculty		1	Y.O.	113VV	2						\uparrow				
	Termination per month		5		U1TF1	39 32										
EVTEN	US1 CUCI in combination per month		5		UC1D1	8 45										
EAIC	DS3 Local Loop in combination - per mile per month	INTEROF		RANSPORT	CINS	7 7 7	+	+								
			5		2	r i										
	DS3 Local Loop in combination - Facility Termination per month		5	UNC3X	UE3PX	335 10										
	Interoffice Transport - Dedicated - DS3 - Per Mile per month		1		1L5XX	2 91										
:	Termination per month		5	C3X	U1TF3	393 32							-			
EXTE	EXTENDED STS-1 DIGITAL EXTENDED LOOP WITH DEDICATED STS-1 INTEROFFICE TRANSPORT	S-1 INTER	30FFICE	E TRANSPORT												
	STS-1 Local Loop in combination - per mile per month		5	CSX	1L5ND	14 51										
	month			UNCSX	UDLS1	403 92							•			
	Interoffice Transport - Dedicated - STS-1 combination - per mile			ASONI	3	à										
	Interoffice Transport - Dedicated - STS-1 combination - Facility		-	YCCY	***	18.7		\dagger								
IVNOITION	Apprional Network of energy		5	UNCSX	UITES	412 47										
When	ised as a next of a currently combined facility, the next				1 1 1											
When	used as ordinarily combined network elements in All States, the	ng cnarge	SE GO IL	charges apply and	the Switch	arge does apply	s not					\dagger				
Nonre	Nonrecurring Currently Combined Network Elements "Switch As is" Charge (One applies to each combination)	Charge (C	ne app	lies to each comb	ination)											
Ondo	Opinina regures & runctions	1	=	11TD3								1				
	Clear Channel Capability Extended Frame Option - per DS1	-	5 3	UNC1X	CCOEF		800	000	0 0	000						
	Clear Channel Capability Super FrameOption - per DS1	_	5 <u>5</u>		CCOSF		000	000	80	000						
	Clear Channel Capability (SF/ESF) Option · Subsequent Activity · per DS1	_	33		NRCCC		184 62	23.78	203	92.0						
	C-bit Panty Onton - Subsequent Activity - per DS3	_	5 🖺	U1TD3, ULDD3,	SOON		740 47	2 2								
MULTI	MULTIPLEXERS	1	\$	50	200		*/ 017	8	18670	8			\dagger			
	DS1 to DS0 Channel System per month		3	UNC1X	MQ1	80 21										
	OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2 4-64kbs) used for a Local Loop		<u></u>		10100	1 15										
	OCU-DP COCI (data) - DS1 to DS0 Channel System - per month (2 4-64kbs) used for connection to a channelized DS1 Local Channel in the same SWC as collocation		_ =	2	00101	7										
	2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel Systsem - per month for a Local Loop		Š		40101	2 5										
	2-wire ISDN COCI (BRITE) - DS1 to DS0 Channel Systsem - per month used for connection to a channelized DS1 Local Channel		-													
	In the same SWC as collocation Voice Grade COCI - DS1 to DS0 Channel System - per month	+	5	U1TUB	UC1CA	191	-	\dagger				1				
	used for a Local Loop		UEA		1D1VG	0.54										
-	Voice Grade COCI - DS1 to DS0 Channel System - per month used for connection to a channelized DS1 Local Channel in the same SWC as collocation.				0											
	DS3 to DS1 Channel System per month	+		UNCax	MO3	140 18		1				+				
	STS-1 to DS1 Channel System per month		3		MO3	140 18										
	DS1 COCI used with Loop per month	+	S		UC1D1	8 45										
	Channel in the same SWC as collocation) per month		Ţ.	U1TUA	UC1D1	8 45										
	DS1 COCI used with Interoffice Channel per month	H	5		UC1D1	8 45										
7,	A CI Leadened DOOR															

Exhibit 1
Attach 2 TRRO Amendment
Exhibit B
DeltaCom

CALIBALI	INBIANDI ED NETWORK EI EMENTS															
	TED INC. ELEMENTS - GEORGIA		}								ĺ		Attachment 2 Exh B	2 Exh B		
CATEGORY	RATE ELEMENTS	Interi Zone m	Zone	BCS	nsoc			RATES (\$)			Svc Order Submitted Submit	wc Order In ubmitted (fanually Mer LSR (Charge - anual Svc h Order vs. lectronic-	Svc Order Svc Order Incremental Incremental Incremental Incremental Submitted Submitted Charge Charge Charge Charge Charge Bec Manualty Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Per LSR Por LSR Order vs Order vs Order vs Order vs Add'l Discremental Svc Manual Sv	Charge - Charge - Charge - Manual Svc Order vs. Order vs Electronic Electronic Disc 1st Disc Add'il	Incremental Charge - Manual Svc Order vs Electronic- Disc Add'i
							Nonrecu	Nonrecurring	Nonrecurring Disconnect	Disconnect			9 SSO	OSS Rates (5)		
	1000 root rel coopera 630					Jen L	First	ı	First		SOMEC SOMAN SOMAN	SOMAN	SOMAN	SOMAN SOMAN	SOMAN	SOMAN
-	nost interface unit (DST COCI) used with Local Channel per month		_ =	5	2	0 46										

LOCAL IN	LOCAL INTERCONNECTION - Georgia												Attachment: 3 Exh A	Exh A			L
САТЕДОВУ	RATE ELEMENTS	Interim Zone	Zone	BCS	nsoc	RATES(\$)					Svc Order Submitted Submitted Elec Manually per LSR	Svc Order Submitted Manually per LSR	Svc Order Svc Order Incremental Submitted Submitted Charge-Elec Manually Manual Svc Per LSR per LSR Electronic Electronic Electronic Electronic Electronic Electronic Electronic Electronic Electronic	Charge - Annual Svc Order vs Electronic- Add'i	Charge - Charge - Manual Svc Order vs Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs Electronic- Disc Add'I	
			1			200	Nonre	Nonrecuring	Nonrecurring Disconnect	Disconnect			OSS	OSS Rates(\$)			L
1		1	Ţ				First	Add'I	First	Adďi	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	Ц
SIGNALING (CCS7	CCS7)	1															_
NOTE	NOTE "bk" beside a rate indicates that the Parties have agreed to bill and keep for that element pursu	and keep	for that	element nursusant t	the terms o	is to the terms and conditions in Attachment 2	Attachment 3										\downarrow
-	CCS7 Signating Connection, Per 56Kbps Facility A-Link DS1		Ĺ	BON	TPP6A	17 05	131 96	131 96	16.01	18.91							
	CCS7 Signaling Connection, Per 56Kbps Facility A-Link DS3		Ĺ	noe	TPP9A	17 05	L	ľ	16 91	16 91		Ì				Ì	\downarrow
$\frac{1}{1}$	CCS7 Signaling Connection, Per 56Kbps Facility B-Link DS1		ĺ	nde	TPP68	17 05	131.96		16 91	16 91							
	CCS7 Signafing Connection, Per 56Kbps Facility B-Link DS3		ĺ	UDB	TPP9B	17 05			16 01	16 91		ľ					\downarrow
	CCS7 Signaling Connection, Switched access service, interface						L					†		ľ			\downarrow
	groups, transmissiom paths 6 DS1 level path with bit stream strengths.			Ģ									٠				
	CCS7 Signaling Comportion Custoked access and an access	1	1	900	1 PP6X	17.05	83	34.77	16 91	16 91							
	groups, transmission paths 9 DS3 level path with bit stream																
	signaling			BON	TPP9X	17.05	34.77	3	16.01	10.91							
1	CCS7 Signaling Termination, Per STP Port		ſ	no8	PTBSX	133 99	Ĺ		2	602		Ì	Ī				ļ
	CCS7 Signaling Usage Surrogate, per link		ĺ		STUSe	340.67					Ì			Ť			
	CCS7 Signaling Point Code, Establishment or Change, per STP affected			80	00400		9	9	8								L
	CCS7 Signaling Usage, Per TCAP Message		T		2 1000	0.000059756		3	30.00	32.32	Ì	1					\downarrow
	CCS7 Signaling Usage, Per ISUP Message (same as E 3 3)		T			0 0000132bk						Ī		1			\downarrow
Notes	Notes If no rate is identified in the contract, the rates, terms, and conditions for the specific service or	littons for	the spe		tion will be a	function will be as set forth in applicable BellSouth tariff	volcable BellSor	uth bariff						1			
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